# National Institute for Health and Care Excellence

## Social, emotional and mental wellbeing in primary and secondary education

**Search strategies** 

NICE guideline <number> Search strategies January 2022

> Commissioned by the National Institute for Health and Care Excellence

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### **Interventions Searches**

### **1. Review question details**

Topic: Social, emotional and mental wellbeing in primary, secondary and further education

Review question 1: Whole school-led approaches for the promotion of social, emotional and mental wellbeing.

- 1.1 What principles or combination of principles of whole-school approaches to promote social, emotional and mental wellbeing are effective and costeffective?
  - a) in children in primary education
  - b) in children and young people in secondary and further education
- 1.2 Are whole-school approach interventions to promote the social, emotional and mental wellbeing of
  - children and young people acceptable to
  - children and young people,
  - their parents or carers
  - the teacher and professionals delivering the interventions
- 1.3 What are the barriers and facilitators to using the whole-school approach to promote social, emotional and mental wellbeing in children and young people?

### Review question 3: Universal curriculum content for the promotion of social, emotional and mental wellbeing.

- 3.1a What universal classroom-based interventions to promote social, emotional and mental wellbeing in children in primary education are effective and cost effective?
- 3.1b What universal classroom-based interventions to promote social, emotional and mental wellbeing in children and young people in secondary and further education are effective and cost effective?
- 3.2 Are universal classroom-based interventions acceptable to the children and young people receiving them, their parents or carers and to those delivering them?
- 3.3 What are the barriers and facilitators to using universal classroom-based interventions to promote social, emotional and mental wellbeing in children and young people?

Review question 4: Targeted social or emotional support in primary, secondary and further education.

_	4.1a What is the effectiveness and cost-effectiveness of targeted interventions that aim to promote social and emotional support in children in primary education?
_	4.1 b What is the effectiveness and cost-effectiveness of targeted interventions that aim to promote social and emotional support in children and young people in secondary and further education?
_	<ul> <li>4.2 Are targeted approaches to promote social, emotional and mental wellbeing acceptable to:</li> <li>Children and young people receiving them</li> <li>Teachers/practitioners delivering the interventions</li> <li>Parents/Carers of children and young people receiving the interventions</li> </ul>
_	4.3 What are the barriers and facilitators to using targeted approaches to promote social, emotional and mental wellbeing in children and young people?
Review educati	question 5: Targeted mental health support in primary, secondary and
-	5.1a What is the effectiveness and cost-effectiveness of targeted mental health support approaches for children in primary education?
_	5.1b What is the effectiveness and cost-effectiveness of targeted mental health support approaches for children and young people in secondary and further education?
_	<ul> <li>5.2 Are targeted mental health support approaches acceptable to</li> <li>Children and young people receiving them</li> <li>Teachers/practitioners delivering the interventions</li> <li>Parents/Carers of children and young people receiving the interventions</li> </ul>
-	5.3 What are the barriers and facilitators to using targeted mental health support?

### 2.Database strategy outline

### 2.1 Overview

A NICE information specialist conducted the literature searches for the evidence review. The searches for the effectiveness evidence were run on 19-27<sup>th</sup> September 2019.

The principal search strategy was developed in MEDLINE (Ovid interface) and adapted, as appropriate, for use in the other sources listed in the protocol, taking into account their size, search functionality and subject coverage.

The interventions searches cover review questions 1, 3, 4 and 5. The evidence for these is often interlinked and it may not be possible to identify at title/abstract level the nature of the intervention. It was therefore decided that the searches would cover all interventions in order to reduce duplication of results at sifting.

During the scoping phase of the guideline a set of broad searches were undertaken in a number of databases. The aim of these searches was to identify and test search terms for the topic and develop an understanding of the size of the evidence base and the most appropriate databases to search. The results for the final version of these broad searches were subsequently downloaded and sifted.

In those databases where a broad search had been run the final strategy takes the form of intervention search NOT broad search. This was to eliminate the need to resift results that had already been dealt with.

The potential evidence base for the topic is very large. As a result the searches were developed in line with the NICE guidelines development manual (PMG20, 2014), which states that:

"NICE encourages the use of search methods that balance recall and precision. The aim is to identify the best available evidence to address a particular question without producing an unmanageable volume of results".

### 2.2 Filters and limits

The initial search was developed in Medline.

English language limits were applied in adherence to standard NICE practice and the review protocol.

Limits to exclude letters, editorials, news and conferences were applied in adherence to standard NICE practice and the review protocol.

The search was limited from 2007 to current as defined in the review protocol. The limit to remove animal studies in the searches was the standard NICE practice, which has been adapted from: Dickersin, K., Scherer, R., & Lefebvre, C. (1994). <u>Systematic Reviews: Identifying relevant studies for systematic reviews</u>. *BMJ*, 309(6964), 1286.

### 2.3 Cost effectiveness searches

The cost effectiveness searches were conducted following the effectiveness searches. The searches for the cost effectiveness evidence were run between 1st-

9th October 2019. They use the same search strategy but are run in economic databases or in databases with a search filter applied.

The following search filter was applied to the search strategies in MEDLINE and Embase to identify cost-effectiveness studies:

- 1 Economics/ or exp "Costs and Cost Analysis"/ or Economics, Dental/ or exp Economics, Hospital/ or exp Economics, Medical/ or Economics, Nursing/ or Economics, Pharmaceutical/ or Budgets/ or exp Models, Economic/ or Markov Chains/ or Monte Carlo Method/ or Decision Trees/
- 2 (Economic\* or cost or costs or costly or costing or costed or price or prices or pricing or pharmacoeconomic\* or pharmaco economic\* or budget\*).ti,ab.
- 3 ((monte adj carlo) or markov or (decision adj2 (tree\$ or analys\$))).ti,ab.
- 4 (value adj2 (money or monetary)).ti,ab.
- 5 Quality of Life/ or Health Status Indicators/ or Quality-Adjusted Life Years/ or Value of Life/
- 6 (quality of life or quality adjusted life or qaly\* or qald\* or qale\* or qtime\* or quality of wellbeing or quality of well-being or willingness to pay or standard gamble\* or time trade off\* or time tradeoff\*).ti,ab.
- 7 (disability adjusted life or daly).ti,ab.
- 8 health\* year\* equivalent\*.ti,ab.
- 9 (sf36 or sf 36 or short form 36 or shortform 36 or sf thirtysix or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).ti,ab.
- 10 (sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six).ti,ab.
- 11 (sf12 or sf 12 or short form 12 or shortform 12 or sf twelve or sftwelve or shortform twelve or short form twelve).ti,ab.
- 12 (sf16 or sf 16 or short form 16 or shortform 16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).ti,ab.
- 13 (sf20 or sf 20 or short form 20 or shortform 20 or sf twenty or sftwenty or shortform twenty).ti,ab.
- 14 (euroqol or euro qol or eq5d or eq 5d).ti,ab.
- 15 or/1-14
- 16 (((energy or oxygen) adj cost\*) or (metabolic adj cost\*) or ((energy or oxygen) adj expenditure\*)).ti,ab.
- 17 Animals/ not humans/
- 18 (comment or editorial or letter or news).pt.
- 19 or/16-18
- 20 15 not 19

Source: Glanville J et al. (2009) <u>Development and Testing of Search Filters to</u> <u>Identify Economic Evaluations in MEDLINE and EMBASE</u>. Alberta: Canadian Agency for Drugs and Technologies in Health (CADTH).

Several modifications have been made to these filters over the years that are standard NICE practice.

A set of 11 cost effectiveness papers that were includes from the original guidelines (PH12 & PH20) were also included in the results for the original searches.

### 2.4 Search re-runs

The searches were re run in September 2020 and again in July 2021. In each case the strategy was re-run in the database with a final line limiting to the date of the

previous search in order to find new records published or added to the database since the previous search. In some databases the functionality allows to limit to a specific day (the exact day the previous search was run), others only allow limits to a particular month or year. Where the database functionality allowed, the date limit relates to the date the record was added to the database. Where this was not available as an option the date limit is simply the date published.

### 2.5 Quality assurance

The Information Services team at NICE quality assured the principal search strategy and peer reviewed the strategies for the other databases according to the standard NICE checklist that was adapted from the 2015 Peer review of electronic search strategies (PRESS) checklist.

### 2.6 Review management

The search results were managed in EPPI-Reviewer v5. Duplicates were removed in EPPI-R5 using a two-step process. First, automated deduplication is performed using a high-value algorithm. Second, manual deduplication is used to assess 'low-probability' matches. All decisions made for the review can be accessed via the deduplication history.

### 3. Search dates

### 3.1 Effectiveness searches

Database name Date		Database	Database segment or version			
	searched	Platform				
	Original searches 24/09/2019		Ovid MEDLINE(R) 1946 to September 22, 2019			
Medline	<b>1<sup>st</sup> Rerun</b> 22/09/2020	Ovid	Ovid MEDLINE(R) 1946 to September 21, 2020			
	<b>2<sup>nd</sup> Rerun</b> 13/07/2021		Ovid MEDLINE(R) 1946 to July 12, 2021			
	Original searches 24/09/2019		Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations 1946 to September 22, 2019			
Medline in Process	1 <sup>st</sup> Rerun 23/09/2020	Ovid	Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations 1946 to September 21, 2020			
	2 <sup>nd</sup> Rerun 13/07/2021		Ovid MEDLINE(R) In-Process & In-Data- Review Citations 1946 to July 12, 2021			
	Original searches 24/09/2019		Ovid MEDLINE(R) Epub Ahead of Print September 22, 2019			
Medline epubs	<b>1<sup>st</sup> Rerun</b> 23/09/2020	Ovid	Ovid MEDLINE(R) Epub Ahead of Print September 21, 2020			
	<b>2<sup>nd</sup> Rerun</b> 13/07/2021		Ovid MEDLINE(R) Epub Ahead of Print July 12, 2021			
	Original searches 24/09/2019		Embase 1974 to 2019 Week 38			
Embase	1 <sup>st</sup> Rerun 23/09/2020	Ovid	Embase 1974 to 2020 Week 38			
	2 <sup>nd</sup> Rerun 13/07/2021		Embase 1974 to 2021 July 12			
psycINFO	Original searches 24/09/2019		APA PsycInfo 1806 to September Week 2 2019			
	<b>1<sup>st</sup> Rerun</b> 23/09/2020	Ovid	APA PsycInfo 1806 to September Week 2 2020			
	<b>2<sup>nd</sup> Rerun</b> 13/07/2021		APA PsycInfo 1806 to July Week 1 2021			
	Original searches 19/09/2019					
ERIC	<b>1<sup>st</sup> Rerun</b> 24/09/2020	Proquest	ERIC			
	<b>2<sup>nd</sup> Rerun</b> 13/07/2021					
Social Policy & Practice (SPP)	Original searches 24/09/2019	Ovid	Social Policy and Practice 01907			

	<b>1<sup>st</sup> Rerun</b> 23/09/2020		Social Policy and Practice 202007		
	<b>2<sup>nd</sup> Rerun</b> 13/07/2021		Social Policy and Practice 202104		
Web of Science	Original           searches           20/09/2019           1 <sup>st</sup> Rerun           25/09/2020	Web of Science	Web of Science		
	2 <sup>nd</sup> Rerun 13/07/2021				
Cochrane	Original searches 24/09/2019		Issue 9 of 12, September 2019		
Database of Systematic	<b>1<sup>st</sup> Rerun</b> 24/09/2020	Wiley	Issue 9 of 12, September 2020		
Reviews (CDSR)	2 <sup>nd</sup> Rerun 13/07/2021		Issue 7 of 12, July 2021		
Cochrane Central	Original searches 24/09/2019		Issue 9 of 12, September 2019		
Register of Controlled Trials	<b>1<sup>st</sup> Rerun</b> 24/09/2020	Wiley	Issue 9 of 12, September 2020		
(CENTRAL)	2 <sup>nd</sup> Rerun 13/07/2021		Issue 7 of 12, July 2021		
	Original searches 26/09/2019				
DARE	<b>1<sup>st</sup> Rerun</b> 25/09/2020	CRD	Dare		
	2 <sup>nd</sup> Rerun 13/07/2021				
Database of promoting health effectiveness	Original           searches           26/09/2019           1 <sup>st</sup> Rerun           25/09/2020	Eppi Centre	Eppi Centre		
reviews (Dopher)	<b>2<sup>nd</sup> Rerun</b> 13/07/2021				
Trials Register of Promoting Health Interventions (Trophi)	<b>Original</b> <b>searches</b> 26/09/2019 <b>1<sup>st</sup> Rerun</b> 25/09/2020	Eppi Centre	Eppi Centre		
(Trophi)	2 <sup>nd</sup> Rerun 13/07/2021				
Bibliomap	Original searches 26/09/2019 1 <sup>st</sup> Rerun	Eppi Centre	Eppi Centre		
	25/09/2020				

	2 <sup>nd</sup> Rerun 13/07/2021				
Coogle Scholar	Original searches 27/09/2019 1 <sup>st</sup> Rerun	Google Scholar			
Google Scholar	25/09/2020 2 <sup>nd</sup> Rerun 13/07/2021		Google Scholar		

### 3.2 Cost effectiveness searches

Database name	Date searched	Database Platform	Database segment or version		
Campbell	Original searches 08/10/2019	website	Campbell collaboration		
Collaboration	<b>Re-run</b> 22/07/2021				
Econlit	Original searches 24/09/2019	Ovid	Econlit 1886 to September 26, 2019		
	<b>Rerun</b> 22/07/2021		Econlit 1886 to July 15, 2021		
Embase	Original searches 01/10/2019	Ovid	Embase 1974 to 2019 Week 39		
	<b>Rerun</b> 22/07/2021		Embase 1974 to 2021 July 21		
Medline	Original searches 01/10/2019	Ovid	Ovid MEDLINE(R) 1946 to September 30, 2019		
	<b>Rerun</b> 22/07/2021		Ovid MEDLINE(R) 1946 to July 21, 2021		
Medline in Process	Original searches 19/09/2019	Ovid	Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations 1946 to September 30, 2019		
1100633	<b>Rerun</b> 22/07/2021		Ovid MEDLINE(R) In-Process & In-Data- Review Citations 1946 to July 21, 2021		
NHS EED	Original searches 09/10/2019	CRD	CRD		
	<b>Rerun</b> 22/07/2021				
НТА	Original searches 09/10/2019	CRD	CRD		
	<b>Rerun</b> 22/07/2021				

### **4.Number of records retrieved**

### 4.1 Effectiveness search

Search source	No. of records retrieved (original searches)	Results	De- duplicated	No. of records retrieved (1 <sup>st</sup> rerun searches)	Results	De- duplicated	No. of records retrieved (2 <sup>nd</sup> rerun searches)	Results	De- duplicated
Medline	7243			980			1085		
Medline in Process	1570			746			242		
Medline epubs	514			222			300		
Embase	4341			677		2202	776	5040	
psycINFO	8144			625	5504		621		
ERIC	14796	43310		425			672		2075
Social Policy & Practice	2381	43310	31842	114	5591	2393	482	5240	2975
Web of Science	3183			948			543		
Cochrane Database of Systematic Reviews (CDSR)	67			0			2		
Cochrane Central Register of Controlled Trials (CENTRAL)	1519			268			319		
DARE	610			0			0		
Dopher	130			287			28		

Trophi	292		109		30	
Bibliomap	1		0		0	
Google Scholar	119		190		120	

### 4.2 Cost effectiveness search

Search source	No. of records retrieved (original searches)	Results	De- duplicated	No. of records retrieved (1 <sup>st</sup> rerun searches)	Results	De- duplicated
Campbell Collaboration	0			0		
EconLit	223			62		
Embase	595			196		
Medline	888			267		
Medline in Process	183	2273	1839	41	699	581
NHS EED	213			0		
НТА	158			0		
Results from websites	2			1		
Includes from PH10 and PH26	11			-		

### **5.Database search strategies**

### **5.1 Effectiveness searches**

### 5.1.1 Medline

### 5.1.1.1 Original searches

1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) and (wellbeing or well-being or wellness or learn\* or competenc\* or skills)).ti,ab. (70714)

2 ((SEL or SEAL or SEBS or EWB or EMHWB) and (school\* or class\* or curricul\* or intervention\* or program\*)).ti,ab. (1517)

- 3 ("social learner\*" or "social learning").ti,ab. (2298)
- 4 (resilien\* or coping).ti,ab. (62350)
- 5 Adaptation, Psychological/ or Resilience, Psychological/ (94777)

6 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or mindful\*).ti,ab. (76417)

- 7 Emotional Intelligence/ (1909)
- 8 exp Self Concept/ (105384)
- 9 Emotional Adjustment/ or Social Adjustment/ (23549)
- 10 ((social or interpersonal or communication or relationship\*) adj2 (skill\* or competence\* or attribute\*)).ti,ab. (18474)
- 11 (friendship\* or friends).ti,ab. (24474)
- 12 ((social or peer or peers) adj2 (group\* or network\*)).ti,ab. (23799)
- 13 empathy.ti,ab. (8945)

14 ("social awareness" or socialisation or socialization or "social interaction\*" or "social inclusion").ti,ab. (21692)

- 15 Social Skills/ or Social Behavior/ or Social Values/ (70243)
- 16 ("personal development" or "youth development").ti,ab. (2043)
- 17 ("decision making" or "problem solv\*" or problem-solv\*).ti,ab. (112957)
- 18 Decision Making/ (90526)
- 19 Problem Solving/ (24255)
- 20 (bully\* or bullies or anti-bully\* or "anti bully\*" or antibully\* or cyber-bully\* or "cyber bully\*" or cyberbully\* or victimis\* or victimiz\* or stigma or anti-stigma or "anti stigma" or antistigma or prejudice\*).ti,ab. (30754)

21 (delinquen\* or anti-social or "anti social" or antisocial or "conduct disorder\*" or "risky behavio\*" or "problem behavio\*" or (behavio\* adj problem\*)).ti,ab. (34445)

22 (((substance or drug\* or alcohol) adj3 ("use" or abuse or misuse)) and (prevent\* or reduc\*)).ti,ab. (46764)

23 ((exclu\* or expulsion or expel\* or absent\* or truant\* or truancy or conflict or violent or violence or disengage\*) and school\*).ti,ab. (12142)

24 bullying/ or cyberbullying/ or problem behavior/ (5249)

25 ((school\* or academic) adj2 (achieve\* or attain\* or engage\* or progress\* or motivat\* or connectedness or belonging)).ti,ab. (7370)

26 Mental Health/ (34943)

(mental adj2 (health or wellbeing or well-being or "well being" or wellness)).ti,ab.(109607)

28 ((psychological or "psycho social" or psycho-social or psychosocial) adj2 (wellbeing or "well being" or well-being)).ti,ab. (9525)

29 (anxiety or anxious or depression or depressed or depressive or stress).ti,ab. (978914)
30 or/1-29 (1654021)

31 ("Aban Aya" or "Academic and Behavioural Competency Program\*" or "Active Citizens in Schools" or ACIS or "Adolescent Decision Making Program\*" or "ALERT plus" or "Alcohol Education Package" or "Alcohol Education Program\*" or "Alcohol Screening and Brief Intervention" or "All Stars" or "Al's Pals" or "Alternatives to Trouble" or "Amazing Alternatives" or "Anti-bullying Program\*" or "Attention Academy" or "Aussie Optimism" or BARR or "BBBS Ireland" or "Be the Best You can Be" or "Beat Bullying" or Beatbullying or "Befriending Intervention" or BeyondBlue or "Big Brothers Big Sisters" or "Bounce Back" or "Boys and Girls Club" or "Breathing Awareness Meditation" or "Building Assets Reducing Risks" or "Building Resiliency and Vocational Excellence" or "Bully Proofing" or Bullyproofing or "Bullying Eliminated from Schools Together").ti,ab. (30633)

32 (CAPSLE or CASEL or "Caring School Community" or CharacterPlus or "Child Development Initiative" or "Circle Time" or "Classroom Centred Intervention" or "Classroom Centred Program\*" or "Class-wide Function-based Intervention" or "Climate Schools" or Climb-UP or CMCD or "Coalition for Youth Quality of Life" or "Comer School Development Program\*" or "Communities that Care" or "Community of Caring" or "Competence Support Program\*" or "Competent Kids Caring Communities" or "Conscious Coping" or "Consistency Management and Cooperative Discipline" or "Coping Koala" or "Coping Power" or "Counsellor Peers" or "Creating a Peaceful School Learning Environment" or Cues-ed or CSRP or "Cultivating Awareness and Resilience in Education").ti,ab. (466)

33 ("Early Risers" or "EiE-L" or "Empathic Discipline" or "Empower Youth" or "Engage in Education" or "Expect Respect" or "Expeditionary Learning" or "Facing History and Ourselves" or "Families and Schools Together" or "Family Check-up" or "Family School Partnership" or "Family SEAL" or "Fast Track" or "FearNot\*" or "First Steps to Success" or "Formalised Peer Mentoring" or "Foundations of Learning" or "Fourth R-Skills" or "Fourth Step" or "Friendly Schools" or "FRIENDS program\*" or FSP or "Gang Resistance Education and Training" or Gatehouse or GBG or "Get Wise" or "Girls First" or "Going for Goals" or "Going Places" or "Good Behaviour Game" or "Grades Attendance and Behaviour" or "Guided Self-change" or HASSP or "Head Start" or "healthy active peaceful playgrounds" or "Healthy for Life" or "Healthy Futures" or "Healthy Lifestyles" or "Healthy Minds in Teenagers" or "Healthy Relationships Training Program\*" or "Healthy Schools and Drugs" or "Here's Looking at You" or HighScope or "Home and School Support Program\*" or "How to Thrive" or "I Can Problem Solve" or ICPS or "ICAN Kids" or "Improving Social Awareness" or "Incredible Years" or "Inner Explorer" or InnerKids or "Inspiring Futures" or "Interpersonal Cognitive Problem Solving Skills" or "In:tuition" or "ISA-SPS" or Jigsaw).ti,ab. (12904) 34 ("Keepin\* It REAL" or "Kia Kaha" or KiVa or "klar bleiben" or "Knightly Virtues" or "Know Your Body" or "Learning for Life" or "Learning to BREATHE" or "Lessons for Living" or "Lessons in Character" or "Life Skills Program\*" or "Life Skills Training" or Lift or "Linking the Interests of Families and Teachers" or "Lions Quest" or "Living with a Purpose" or "Love in a Big World" or LST or "Master Mind" or "Match Model" or "Michigan Model for Health" or "Middle School Success" or "Midwest\* Prevention Project" or "Millennium Volunteers" or "Million Dollar Machine" or "Mind Up" or MindUP or MindfulKids or "Mindfulness in Schools" or MISP or "Mood Gym" or "My Character" or "My Teaching Partner" or "New Beginnings" or Narconon or OBPP or Olweus or "Open Circle" or "Op Volle Kracht" or "Over to You").ti,ab. (10509)

35 (Paths or PATHstoPAX or "Paws B" or "Peace Builders" or "Peace Works" or "Peacemaking Skills for Little Kids" or "Peer Mentoring" or "Peer Acceleration Social Network" or "Penn Resiliency Program\*" or "Personality Risk Factors" or PESSOA or Playworks or Ploughshares or "Positive Action" or "Positive Alternative Learning Support" or "Positive Adolescent Life Skills" or "Positive Youth Development Program\*" or "Preparation through Responsive Education" or "Primary SEAL" or "Prime for Life" or "Proactive Classroom" or Pro-ACT or "Problem Solving Program\*" or Progetto or "Project A.T.T.E.N.D." or "project ALERT" or "project CHARLIE" or "Project Northland" or "Project Pride" or "project SMART" or "Project Based Learning" or "Project STAR" or "Promoting Alternative Thinking Strategies" or "Puppets for Peace" or "Pyramid Project" or "Raising Healthy Children" or RCCP or ReachOut or "Reaching Adolescents for Prevention" or "Reading Apprenticeship" or "Reading, Writing, Repect and Resolution" or "Recognizing, Understanding, Labeling, Expressing and Regulating Emotions" or "Reconnecting Youth" or REDI or "Resilience Program\*" or "Resilient Families" or "Resolving Conflict Creatively" or "Respect Program\*" or "Responsive Classroom" or "Risk Training Skills" or "Rochester Resilience Program\*" or "Resourceful Adolescent Program\*" or "Roots of Empathy" or Rtime or Ruler).ti,ab. (18072) 36 ("Safe and Civil Schools" or "Safe Dates" or "SafERteens" or "Say Yes First" or SBIRT or "School-based Resilience Intervention" or "School Health and Alcohol Harm Reduction Project" or "School-wide Positive Behavioural Interventions and Support" or "Second Step" or SS-SSTP or "Secondary SEAL" or "Seattle Social Development Project" or "SEED Scotland" or "Self-determination Program\*" or "Self-management and Resistance Training" or "Service Learning" or "SFP10-14" or SHAHRP or "Siblings are Special" or SIBS or "Skills for Adolescence" or "Skills for Change" or "Skills for Success" or SingUp or "Social Competence Training" or "Social Decision Making" or "Social Norms" or "Social Problem Solving Skills" or "Social Skills Group Intervention\*" or "Social Skills Training" or "South Carolina Program\*" or "Smart Moves" or "S.S.GRIN" or SST or "Steg fur Steg" or STAMPP or "STARS for Families" or "Start Taking Alcohol Risks Seriously" or "Staying Calm" or "Step II" or "Steps towards Alcohol Misuse Prevention" or "Talk about Alcohol" or "Step-by-Step" or "Steps to Respect" or "Stop Breathe Be" or "Strengthening Families Program\*" or "Strengths Gym" or "Stress Inoculation Training" or "Stress Management Intervention" or "Student Success Skills" or "Student Success through Prevention" or "Student Threat Assessment" or "Success for Kids" or SWPBIS or SWPBS or "Teach Team" or "Teen Outreach Program\*" or "Teen Talk" or "Theatre in Education" or "The GOOD life" or "The Incredible Years" or "Think Feel Do" or "Think Well, Do Well" or "Too Good for Violence" or "Tools for Getting Along" or "Tools of the Mind" or "Towards no drug abuse" or "Transition Mentoring" or "Tribes Learning Communities" or "UK Resilience Program\*" or "Unique Minds" or ViSC or "Wise Mind" or Woodrock or YogaKid\* or "Yo Puedo" or "You Can Do It!" or "Youth Development Project" or "Youth Matters" or "Zippy's Friends" or "21st Century Community Learning" or "4Rs").ti,ab. (30473)

37 (PSHE or "personal social health" or PSE or "personal and social education" or SMSC or "spiritual moral social and cultural").ti,ab. (2145)

38 ("positive behavio\* intervention\*" or "positive behavio\* support" or PBIS).ti,ab. (165)

- 39 ("school-wide positive behavio\* support\*" or SWPBS).ti,ab. (3)
- 40 "relationships and sex education".ti,ab. (4)
- 41 or/31-40 (104761)
- 42 30 and 41 (13501)
- 43 (mindful\* or meditat\* or yoga).ti,ab. (11384)
- 44 Mindfulness/ or Meditation/ or Yoga/ (6881)
- 45 "life skills".ti,ab. (849)
- 46 "motivational interview\*".ti,ab. (3043)
- 47 Motivational Interviewing/ (1591)

48 ((brief or opportunist\* or concise or short or direct) adj3 (counsel\* or advice\* or advise\* or advisor\* or therap\* or support\* or guide\* or guidance\* or intervention\*)).ti,ab. (29852)

49 ((behaviour\* or behavior\* or cognitive) adj3 (technique\* or therap\* or chang\* or modify or modifies or modifying or support\* or intervention\* or session\* or program\* or workshop\*)).ti,ab. (110815)

50 counseling/ or directive counseling/ or child guidance/ or psychology, adolescent/ (50585)

51 Behavior Therapy/ or Cognitive Behavioral Therapy/ (50088)

52 (skills adj1 (train\* or teach\* or educat\* or develop\*)).ti,ab. (8859)

53 ((peer or pastoral or teacher\*) adj2 (educat\* or support\* or group\* or led)).ti,ab. (10670)

54 (prevent\* and (intervention\* or program\*)).ti,ab. (194684)

55 "intervention program\*".ti,ab. (12935)

56 "social and emotional learning program\*".ti,ab. (17)

57 "play therap\*".ti,ab. (365)

58 ("mental health" adj3 (intervention\* or program\*)).ti,ab. (4974)

59 ((Wellbeing or "well being" or well-being) adj3 (intervention\* or therap\*)).ti,ab. (906)

60 ((HIIT or fitness or "physical activity") adj2 (intervention or program\*)).ti,ab. (4337)

61 ((questionnaire\* or survey\* or self-report\* or "self report\*" or assessment\*) adj3

(school\* or class or classroom\* or pupil\* or student\* or teach\*)).ti,ab. (23046) 62 or/43-61 (451022)

63 (classroom\* or "whole class\*" or whole-class\*).ti,ab. (13301)

64 ((multi\*-component or multicomponent or "multi\* component" or universal or brief or "group based" or group-based or groupbased or "group work\*" or group-work\* or groupwork\* or "small group\*" or small-group\* or targeted) and (intervention\* or program\* or project\* or pilot\* or initiative\* or approach\* or activit\* or lesson\* or curricul\*)).ti,ab. (190743)

65 ("whole school\*" or whole-school\* or wholeschool\* or "school wide" or school-wide or school-wide or "school based" or school-based or schoolbased).ti,ab. (10802)

66 (school\* adj3 (ethos or culture or life or environment or governance or policy or policies or leadership or SLT)).ti,ab. (5547)

67 (school\* and (intervention\* or program\*)).ti,ab. (62493)

68 or/63-67 (264354)

69 62 and 68 (57035)

70 30 and 69 (24013)

71 (school\* or pupil\* or student\* or teach\* or curricul\* or lesson\* or learner\* or learning or syllabus).ti,ab. (744877)

72 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (4591)

73 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (50)

74 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eleven" or "grade 11" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (98924) 75 curriculum/ or schools/ or teaching/ or school health services/ or school nursing/ or school teachers/ (161359)

76 or/71-75 (874883)

77 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (2136781)

78 76 not 77 (561635)

79 exp Child/ or exp Child Behavior/ or Child Health/ or Child Welfare/ or Child Development/ (1866009)

80 Adolescent Behavior/ or Adolescent/ or Adolescent Health/ or Adolescent Development/ (1957161)

81 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preadolescen\* or preadolescen\* or pre-teen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or student\* or pupil\* or "school age\*" or school-age\* or schoolage\*).ti,ab. (1870299)

- 82 or/79-81 (3597925)
- 83 78 and 82 (273336)
- 84 42 or 70 (35928)
- 85 83 and 84 (11518)
- 86 limit 85 to english language (10979)

87 limit 86 to (letter or historical article or comment or editorial or news or case reports) (174)

- 88 86 not 87 (10805)
- 89 limit 88 to yr="2007 -Current" (7243)

### 5.1.1.2 1st re-run search

Re-ran the original search strategy (5.1.1.1) with the following additional final line:

90 limit 89 to ed=20190924-20200901 (980)

#### 5.1.1.3 2nd re-run search

Re-ran the original search strategy (5.1.1.1) with the following additional final line: 90 limit 89 to ed=20200901-20210713 1085

### 5.1.2 Medline in Process

#### 5.1.2.1 Original search

1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) and (wellbeing or well-being or wellness or learn\* or competenc\* or skills)).ti,ab. (13319)

2 ((SEL or SEAL or SEBS or EWB or EMHWB) and (school\* or class\* or curricul\* or intervention\* or program\*)).ti,ab. (216)

- 3 ("social learner\*" or "social learning").ti,ab. (388)
- 4 (resilien\* or coping).ti,ab. (11248)

5 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or mindful\*).ti,ab. (14311)

6 ((social or interpersonal or communication or relationship\*) adj2 (skill\* or competence\* or attribute\*)).ti,ab. (2819)

7 (friendship\* or friends).ti,ab. (3722)

8 ((social or peer or peers) adj2 (group\* or network\*)).ti,ab. (4446)

9 empathy.ti,ab. (1753)

10 ("social awareness" or socialisation or socialization or "social interaction\*" or "social inclusion").ti,ab. (3820)

11 ("personal development" or "youth development").ti,ab. (322)

12 ("decision making" or "problem solv\*" or problem-solv\*).ti,ab. (19922)

13 (bully\* or bullies or anti-bully\* or "anti bully\*" or antibully\* or cyber-bully\* or "cyber bully\*" or cyberbully\* or victimis\* or victimiz\* or stigma or anti-stigma or "anti stigma" or antistigma or prejudice\*).ti,ab. (5727)

14 (delinquen\* or anti-social or "anti social" or antisocial or "conduct disorder\*" or "risky behavio\*" or "problem behavio\*" or (behavio\* adj problem\*)).ti,ab. (3778)

15 (((substance or drug\* or alcohol) adj3 ("use" or abuse or misuse)) and (prevent\* or reduc\*)).ti,ab. (6360)

16 ((exclu\* or expulsion or expel\* or absent\* or truant\* or truancy or conflict or violent or violence or disengage\*) and school\*).ti,ab. (1699)

17 ((school\* or academic) adj2 (achieve\* or attain\* or engage\* or progress\* or motivat\* or connectedness or belonging)).ti,ab. (1339)

18 (mental adj2 (health or wellbeing or well-being or "well being" or wellness)).ti,ab.(18851)

19 ((psychological or "psycho social" or psycho-social or psychosocial) adj2 (wellbeing or "well being" or well-being)).ti,ab. (1680)

20 (anxiety or anxious or depression or depressed or depressive or stress).ti,ab. (132461)
21 or/1-20 (208853)

22 ("Aban Aya" or "Academic and Behavioural Competency Program\*" or "Active Citizens in Schools" or ACIS or "Adolescent Decision Making Program\*" or "ALERT plus" or "Alcohol Education Package" or "Alcohol Education Program\*" or "Alcohol Screening and Brief Intervention" or "All Stars" or "Al's Pals" or "Alternatives to Trouble" or "Amazing Alternatives" or "Anti-bullying Program\*" or "Attention Academy" or "Aussie Optimism" or BARR or "BBBS Ireland" or "Be the Best You can Be" or "Beat Bullying" or Beatbullying or "Befriending Intervention" or BeyondBlue or "Big Brothers Big Sisters" or "Bounce Back" or "Boys and Girls Club" or "Breathing Awareness Meditation" or "Building Assets Reducing Risks" or "Building Resiliency and Vocational Excellence" or "Bully Proofing" or Bullyproofing or "Bullying Eliminated from Schools Together").ti,ab. (2345)

23 (CAPSLE or CASEL or "Caring School Community" or CharacterPlus or "Child Development Initiative" or "Circle Time" or "Classroom Centred Intervention" or "Classroom Centred Program\*" or "Class-wide Function-based Intervention" or "Climate Schools" or Climb-UP or CMCD or "Coalition for Youth Quality of Life" or "Comer School Development Program\*" or "Communities that Care" or "Community of Caring" or "Competence Support Program\*" or "Competent Kids Caring Communities" or "Conscious Coping" or "Consistency Management and Cooperative Discipline" or "Coping Koala" or "Coping Power" or "Counsellor Peers" or "Creating a Peaceful School Learning Environment" or Cues-ed or CSRP or "Cultivating Awareness and Resilience in Education").ti,ab. (80)

24 ("Early Risers" or "EiE-L" or "Empathic Discipline" or "Empower Youth" or "Engage in Education" or "Expect Respect" or "Expeditionary Learning" or "Facing History and Ourselves" or "Families and Schools Together" or "Family Check-up" or "Family School Partnership" or "Family SEAL" or "Fast Track" or "FearNot\*" or "First Steps to Success" or "Formalised Peer Mentoring" or "Foundations of Learning" or "Fourth R-Skills" or "Fourth Step" or "Friendly Schools" or "FRIENDS program\*" or FSP or "Gang Resistance Education and Training" or Gatehouse or GBG or "Get Wise" or "Girls First" or "Going for Goals" or "Going Places" or "Good Behaviour Game" or "Grades Attendance and Behaviour" or "Guided Self-change" or HASSP or "Head Start" or "healthy active peaceful playgrounds" or "Healthy for Life" or "Healthy Futures" or "Healthy Lifestyles" or "Healthy Minds in Teenagers" or "Healthy Relationships Training Program\*" or "Healthy Schools and Drugs" or "Here's Looking at You" or HighScope or "Home and School Support Program\*" or "How to Thrive" or "I Can Problem Solve" or ICPS or "ICAN Kids" or "Improving Social Awareness" or "Incredible Years" or "Inner Explorer" or InnerKids or "Inspiring Futures" or "Interpersonal Cognitive Problem Solving Skills" or "In:tuition" or "ISA-SPS" or Jigsaw).ti,ab. (2574) 25 ("Keepin\* It REAL" or "Kia Kaha" or KiVa or "klar bleiben" or "Knightly Virtues" or "Know Your Body" or "Learning for Life" or "Learning to BREATHE" or "Lessons for Living" or "Lessons in Character" or "Life Skills Program\*" or "Life Skills Training" or Lift or "Linking the Interests of Families and Teachers" or "Lions Quest" or "Living with a Purpose" or "Love in a Big World" or LST or "Master Mind" or "Match Model" or "Michigan Model for Health" or "Middle School Success" or "Midwest\* Prevention Project" or "Millennium Volunteers" or "Million Dollar Machine" or "Mind Up" or MindUP or MindfulKids or "Mindfulness in Schools" or MISP or "Mood Gym" or "My Character" or "My Teaching Partner" or "New Beginnings" or Narconon or OBPP or Olweus or "Open Circle" or "Op Volle Kracht" or "Over to You").ti,ab. (2538)

26 (Paths or PATHStoPAX or "Paws B" or "Peace Builders" or "Peace Works" or "Peacemaking Skills for Little Kids" or "Peer Mentoring" or "Peer Acceleration Social Network" or "Penn Resiliency Program\*" or "Personality Risk Factors" or PESSOA or Playworks or Ploughshares or "Positive Action" or "Positive Alternative Learning Support" or "Positive Adolescent Life Skills" or "Positive Youth Development Program\*" or "Preparation through Responsive Education" or "Primary SEAL" or "Prime for Life" or "Proactive Classroom" or Pro-ACT or "Problem Solving Program\*" or Progetto or "Project A.T.T.E.N.D." or "project ALERT" or "project CHARLIE" or "Project Northland" or "Project Pride" or "project SMART" or "Project Based Learning" or "Project STAR" or "Promoting Alternative Thinking Strategies" or "Puppets for Peace" or "Pyramid Project" or "Raising Healthy Children" or RCCP or ReachOut or "Reaching Adolescents for Prevention" or "Reading Apprenticeship" or "Reading, Writing, Repect and Resolution" or "Recognizing, Understanding, Labeling, Expressing and Regulating Emotions" or "Reconnecting Youth" or REDI or "Resilience Program\*" or "Resilient Families" or "Resolving Conflict Creatively" or "Respect Program\*" or "Responsive Classroom" or "Risk Training Skills" or "Rochester Resilience Program\*" or "Resourceful Adolescent Program\*" or "Roots of Empathy" or Rtime or Ruler).ti,ab. (6973) ("Safe and Civil Schools" or "Safe Dates" or "SafERteens" or "Say Yes First" or SBIRT or 27 "School-based Resilience Intervention" or "School Health and Alcohol Harm Reduction Project" or "School-wide Positive Behavioural Interventions and Support" or "Second Step" or SS-SSTP or "Secondary SEAL" or "Seattle Social Development Project" or "SEED Scotland" or "Self-determination Program\*" or "Self-management and Resistance Training" or "Service Learning" or "SFP10-14" or SHAHRP or "Siblings are Special" or SIBS or "Skills for Adolescence" or "Skills for Change" or "Skills for Success" or SingUp or "Social Competence Training" or "Social Decision Making" or "Social Norms" or "Social Problem Solving Skills" or "Social Skills Group Intervention\*" or "Social Skills Training" or "South Carolina Program\*" or "Smart Moves" or "S.S.GRIN" or SST or "Steg fur Steg" or STAMPP or "STARS for Families" or "Start Taking Alcohol Risks Seriously" or "Staying Calm" or "Step II" or "Steps towards Alcohol Misuse Prevention" or "Talk about Alcohol" or "Step-by-Step" or "Steps to Respect" or "Stop Breathe Be" or "Strengthening Families Program\*" or "Strengths Gym" or "Stress

Inoculation Training" or "Stress Management Intervention" or "Student Success Skills" or "Student Success through Prevention" or "Student Threat Assessment" or "Success for Kids" or SWPBIS or SWPBS or "Teach Team" or "Teen Outreach Program\*" or "Teen Talk" or "Theatre in Education" or "The GOOD life" or "The Incredible Years" or "Think Feel Do" or "Think Well, Do Well" or "Too Good for Violence" or "Tools for Getting Along" or "Tools of the Mind" or "Towards no drug abuse" or "Transition Mentoring" or "Tribes Learning Communities" or "UK Resilience Program\*" or "Unique Minds" or ViSC or "Wise Mind" or "Youth Matters" or "Zippy's Friends" or "21st Century Community Learning" or "4Rs").ti,ab. (5829)

28 (PSHE or "personal social health" or PSE or "personal and social education" or SMSC or "spiritual moral social and cultural").ti,ab. (460)

29 ("positive behavio\* intervention\*" or "positive behavio\* support" or PBIS).ti,ab. (95)

30 ("school-wide positive behavio\* support\*" or SWPBS).ti,ab. (1)

- 31 "relationships and sex education".ti,ab. (0)
- 32 or/22-31 (20731)
- 33 21 and 32 (2294)

34 (mindful\* or meditat\* or yoga).ti,ab. (3516)

35 "life skills".ti,ab. (158)

36 "motivational interview\*".ti,ab. (583)

37 ((brief or opportunist\* or concise or short or direct) adj3 (counsel\* or advice\* or advise\* or advisor\* or therap\* or support\* or guide\* or guidance\* or intervention\*)).ti,ab.
(4073)

38 ((behaviour\* or behavior\* or cognitive) adj3 (technique\* or therap\* or chang\* or modify or modifies or modifying or support\* or intervention\* or session\* or program\* or workshop\*)).ti,ab. (18388)

39 (skills adj1 (train\* or teach\* or educat\* or develop\*)).ti,ab. (1431)

40 ((peer or pastoral or teacher\*) adj2 (educat\* or support\* or group\* or led)).ti,ab. (1892)

41 (prevent\* and (intervention\* or program\*)).ti,ab. (28345)

- 42 "intervention program\*".ti,ab. (1966)
- 43 "social and emotional learning program\*".ti,ab. (9)
- 44 "play therap\*".ti,ab. (39)

45 ("mental health" adj3 (intervention\* or program\*)).ti,ab. (1071)

46 ((Wellbeing or "well being" or well-being) adj3 (intervention\* or therap\*)).ti,ab. (205)

47 ((HIIT or fitness or "physical activity") adj2 (intervention or program\*)).ti,ab. (831)

48 ((questionnaire\* or survey\* or self-report\* or "self report\*" or assessment\*) adj3

(school\* or class or classroom\* or pupil\* or student\* or teach\*)).ti,ab. (3480)

49 or/34-48 (60076)

50 (classroom\* or "whole class\*" or whole-class\*).ti,ab. (2500)

51 ((multi\*-component or multicomponent or "multi\* component" or universal or brief or "group based" or group-based or groupbased or "group work\*" or group-work\* or groupwork\* or "small group\*" or small-group\* or targeted) and (intervention\* or program\* or project\* or pilot\* or initiative\* or approach\* or activit\* or lesson\* or curricul\*)).ti,ab. (34265)

52 ("whole school\*" or whole-school\* or wholeschool\* or "school wide" or school-wide or school-based or schoolbased).ti,ab. (1611)

53 (school\* adj3 (ethos or culture or life or environment or governance or policy or policies or leadership or SLT)).ti,ab. (829)

54 (school\* and (intervention\* or program\*)).ti,ab. (8874)

55 or/50-54 (45089)

56 49 and 55 (9034)

57 21 and 56 (3989)

58 (school\* or pupil\* or student\* or teach\* or curricul\* or lesson\* or learner\* or learning or syllabus).ti,ab. (117819)

59 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (700)

60 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (7)

61 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (12706) 62 or/58-61 (128092)

63 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or
"teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (288841)
64 62 not 63 (84261)

65 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preadolescen\* or preadolescen\* or pre-teen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or student\* or pupil\* or "school age\*" or school-age\* or schoolage\*).ti,ab. (208759)

- 66 64 and 65 (33005)
- 67 33 or 57 (6028)
- 68 66 and 67 (1696)
- 69 limit 68 to english language (1680)
- 70 limit 69 to yr="2007 -Current" (1570)

### 5.1.2.2 1st re-run search

Re-ran the original search strategy (5.1.2.1) with the following additional final line:

71 limit 70 to dt=20190924-20200901 (746)

### 5.1.2.3 2nd re-run search

Re-ran the original search strategy (5.1.2.1) with the following additional final line:

 71
 limit 70 to dt=20200901-20210713
 242

### 5.1.3 Medline epubs

### 5.1.3.1 Original search

1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) and (wellbeing or well-being or wellness or learn\* or competenc\* or skills)).ti,ab. (3206)

2 ((SEL or SEAL or SEBS or EWB or EMHWB) and (school\* or class\* or curricul\* or intervention\* or program\*)).ti,ab. (32)

3 ("social learner\*" or "social learning").ti,ab. (83)

4 (resilien\* or coping).ti,ab. (2550)

5 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or mindful\*).ti,ab. (3305)

6 ((social or interpersonal or communication or relationship\*) adj2 (skill\* or competence\* or attribute\*)).ti,ab. (659)

7 (friendship\* or friends).ti,ab. (1006)

8 ((social or peer or peers) adj2 (group\* or network\*)).ti,ab. (1050)

9 empathy.ti,ab. (345)

10 ("social awareness" or socialisation or socialization or "social interaction\*" or "social inclusion").ti,ab. (844)

11 ("personal development" or "youth development").ti,ab. (128)

12 ("decision making" or "problem solv\*" or problem-solv\*).ti,ab. (4117)

13 (bully\* or bullies or anti-bully\* or "anti bully\*" or antibully\* or cyber-bully\* or "cyber bully\*" or cyberbully\* or victimis\* or victimiz\* or stigma or anti-stigma or "anti stigma" or antistigma or prejudice\*).ti,ab. (1883)

14 (delinquen\* or anti-social or "anti social" or antisocial or "conduct disorder\*" or "risky behavio\*" or "problem behavio\*" or (behavio\* adj problem\*)).ti,ab. (1327)

15 (((substance or drug\* or alcohol) adj3 ("use" or abuse or misuse)) and (prevent\* or reduc\*)).ti,ab. (1760)

16 ((exclu\* or expulsion or expel\* or absent\* or truant\* or truancy or conflict or violent or violence or disengage\*) and school\*).ti,ab. (551)

17 ((school\* or academic) adj2 (achieve\* or attain\* or engage\* or progress\* or motivat\* or connectedness or belonging)).ti,ab. (426)

18 (mental adj2 (health or wellbeing or well-being or "well being" or wellness)).ti,ab.(4733)

19 ((psychological or "psycho social" or psycho-social or psychosocial) adj2 (wellbeing or "well being" or well-being)).ti,ab. (474)

20 (anxiety or anxious or depression or depressed or depressive or stress).ti,ab. (21932)
 21 or/1-20 (39647)

22 ("Aban Aya" or "Academic and Behavioural Competency Program\*" or "Active Citizens in Schools" or ACIS or "Adolescent Decision Making Program\*" or "ALERT plus" or "Alcohol Education Package" or "Alcohol Education Program\*" or "Alcohol Screening and Brief Intervention" or "All Stars" or "Al's Pals" or "Alternatives to Trouble" or "Amazing Alternatives" or "Anti-bullying Program\*" or "Attention Academy" or "Aussie Optimism" or BARR or "BBBS Ireland" or "Be the Best You can Be" or "Beat Bullying" or Beatbullying or "Befriending Intervention" or BeyondBlue or "Big Brothers Big Sisters" or "Bounce Back" or "Boys and Girls Club" or "Breathing Awareness Meditation" or "Building Assets Reducing Risks" or "Building Resiliency and Vocational Excellence" or "Bully Proofing" or Bullyproofing or "Bullying Eliminated from Schools Together").ti,ab. (351)

23 (CAPSLE or CASEL or "Caring School Community" or CharacterPlus or "Child Development Initiative" or "Circle Time" or "Classroom Centred Intervention" or "Classroom Centred Program\*" or "Class-wide Function-based Intervention" or "Climate Schools" or Climb-UP or CMCD or "Coalition for Youth Quality of Life" or "Comer School Development Program\*" or "Communities that Care" or "Community of Caring" or "Competence Support Program\*" or "Competent Kids Caring Communities" or "Conscious Coping" or "Consistency Management and Cooperative Discipline" or "Coping Koala" or "Coping Power" or "Counsellor Peers" or "Creating a Peaceful School Learning Environment" or Cues-ed or CSRP or "Cultivating Awareness and Resilience in Education").ti,ab. (31)

24 ("Early Risers" or "EiE-L" or "Empathic Discipline" or "Empower Youth" or "Engage in Education" or "Expect Respect" or "Expeditionary Learning" or "Facing History and Ourselves" or "Families and Schools Together" or "Family Check-up" or "Family School Partnership" or "Family SEAL" or "Fast Track" or "FearNot\*" or "First Steps to Success" or "Formalised Peer Mentoring" or "Foundations of Learning" or "Fourth R-Skills" or "Fourth Step" or "Friendly Schools" or "FRIENDS program\*" or FSP or "Gang Resistance Education and Training" or Gatehouse or GBG or "Get Wise" or "Girls First" or "Going for Goals" or "Going Places" or "Good Behaviour Game" or "Grades Attendance and Behaviour" or "Guided Self-change" or HASSP or "Head Start" or "healthy active peaceful playgrounds" or "Healthy for Life" or "Healthy Futures" or "Healthy Lifestyles" or "Healthy Minds in Teenagers" or "Healthy Relationships Training Program\*" or "Healthy Schools and Drugs" or "Here's Looking at You" or HighScope or "Home and School Support Program\*" or "How to Thrive" or "I Can Problem Solve" or ICPS or "ICAN Kids" or "Improving Social Awareness" or "Incredible Years" or "Inner Explorer" or InnerKids or "Inspiring Futures" or "Interpersonal Cognitive Problem Solving Skills" or "In:tuition" or "ISA-SPS" or Jigsaw).ti,ab. (444) 25 ("Keepin\* It REAL" or "Kia Kaha" or KiVa or "klar bleiben" or "Knightly Virtues" or "Know Your Body" or "Learning for Life" or "Learning to BREATHE" or "Lessons for Living" or "Lessons in Character" or "Life Skills Program\*" or "Life Skills Training" or Lift or "Linking the Interests of Families and Teachers" or "Lions Quest" or "Living with a Purpose" or "Love in a Big World" or LST or "Master Mind" or "Match Model" or "Michigan Model for Health" or "Middle School Success" or "Midwest\* Prevention Project" or "Millennium Volunteers" or "Million Dollar Machine" or "Mind Up" or MindUP or MindfulKids or "Mindfulness in Schools" or MISP or "Mood Gym" or "My Character" or "My Teaching Partner" or "New Beginnings" or Narconon or OBPP or Olweus or "Open Circle" or "Op Volle Kracht" or "Over to You").ti,ab. (319)

26 (Paths or PATHStoPAX or "Paws B" or "Peace Builders" or "Peace Works" or "Peacemaking Skills for Little Kids" or "Peer Mentoring" or "Peer Acceleration Social Network" or "Penn Resiliency Program\*" or "Personality Risk Factors" or PESSOA or Playworks or Ploughshares or "Positive Action" or "Positive Alternative Learning Support" or "Positive Adolescent Life Skills" or "Positive Youth Development Program\*" or "Preparation through Responsive Education" or "Primary SEAL" or "Prime for Life" or "Proactive Classroom" or Pro-ACT or "Problem Solving Program\*" or Progetto or "Project A.T.T.E.N.D." or "project ALERT" or "project CHARLIE" or "Project Northland" or "Project Pride" or "project SMART" or "Project Based Learning" or "Project STAR" or "Promoting Alternative Thinking Strategies" or "Puppets for Peace" or "Pyramid Project" or "Raising Healthy Children" or RCCP or ReachOut or "Reaching Adolescents for Prevention" or "Reading Apprenticeship" or "Reading, Writing, Repect and Resolution" or "Recognizing, Understanding, Labeling, Expressing and Regulating Emotions" or "Reconnecting Youth" or REDI or "Resilience Program\*" or "Resilient Families" or "Resolving Conflict Creatively" or "Respect Program\*" or "Responsive Classroom" or "Risk Training Skills" or "Rochester Resilience Program\*" or "Resourceful Adolescent Program\*" or "Roots of Empathy" or Rtime or Ruler).ti,ab. (643) 27 ("Safe and Civil Schools" or "Safe Dates" or "SafERteens" or "Say Yes First" or SBIRT or "School-based Resilience Intervention" or "School Health and Alcohol Harm Reduction Project" or "School-wide Positive Behavioural Interventions and Support" or "Second Step"

or SS-SSTP or "Secondary SEAL" or "Seattle Social Development Project" or "SEED Scotland" or "Self-determination Program\*" or "Self-management and Resistance Training" or "Service Learning" or "SFP10-14" or SHAHRP or "Siblings are Special" or SIBS or "Skills for Adolescence" or "Skills for Change" or "Skills for Success" or SingUp or "Social Competence Training" or "Social Decision Making" or "Social Norms" or "Social Problem Solving Skills" or "Social Skills Group Intervention\*" or "Social Skills Training" or "South Carolina Program\*" or "Smart Moves" or "S.S.GRIN" or SST or "Steg fur Steg" or STAMPP or "STARS for Families" or "Start Taking Alcohol Risks Seriously" or "Staying Calm" or "Step II" or "Steps towards Alcohol Misuse Prevention" or "Talk about Alcohol" or "Step-by-Step" or "Steps to Respect" or "Stop Breathe Be" or "Strengthening Families Program\*" or "Strengths Gym" or "Stress Inoculation Training" or "Stress Management Intervention" or "Student Success Skills" or "Student Success through Prevention" or "Student Threat Assessment" or "Success for Kids" or SWPBIS or SWPBS or "Teach Team" or "Teen Outreach Program\*" or "Teen Talk" or "Theatre in Education" or "The GOOD life" or "The Incredible Years" or "Think Feel Do" or "Think Well, Do Well" or "Too Good for Violence" or "Tools for Getting Along" or "Tools of the Mind" or "Towards no drug abuse" or "Transition Mentoring" or "Tribes Learning Communities" or "UK Resilience Program\*" or "Unique Minds" or ViSC or "Wise Mind" or Woodrock or YogaKid\* or "Yo Puedo" or "You Can Do It!" or "Youth Development Project" or "Youth Matters" or "Zippy's Friends" or "21st Century Community Learning" or "4Rs").ti,ab. (1036)

28 (PSHE or "personal social health" or PSE or "personal and social education" or SMSC or "spiritual moral social and cultural").ti,ab. (47)

- 29 ("positive behavio\* intervention\*" or "positive behavio\* support" or PBIS).ti,ab. (16)
- 30 ("school-wide positive behavio\* support\*" or SWPBS).ti,ab. (1)
- 31 "relationships and sex education".ti,ab. (0)
- 32 or/22-31 (2843)
- 33 21 and 32 (653)
- 34 (mindful\* or meditat\* or yoga).ti,ab. (748)
- 35 "life skills".ti,ab. (33)
- 36 "motivational interview\*".ti,ab. (141)

37 ((brief or opportunist\* or concise or short or direct) adj3 (counsel\* or advice\* or advise\* or advisor\* or therap\* or support\* or guide\* or guidance\* or intervention\*)).ti,ab.
(843)

38 ((behaviour\* or behavior\* or cognitive) adj3 (technique\* or therap\* or chang\* or modify or modifies or modifying or support\* or intervention\* or session\* or program\* or workshop\*)).ti,ab. (3650)

- 39 (skills adj1 (train\* or teach\* or educat\* or develop\*)).ti,ab. (298)
- 40 ((peer or pastoral or teacher\*) adj2 (educat\* or support\* or group\* or led)).ti,ab. (480)
- 41 (prevent\* and (intervention\* or program\*)).ti,ab. (6072)
- 42 "intervention program\*".ti,ab. (438)
- 43 "social and emotional learning program\*".ti,ab. (3)
- 44 "play therap\*".ti,ab. (7)
- 45 ("mental health" adj3 (intervention\* or program\*)).ti,ab. (238)
- 46 ((Wellbeing or "well being" or well-being) adj3 (intervention\* or therap\*)).ti,ab. (66)
- 47 ((HIIT or fitness or "physical activity") adj2 (intervention or program\*)).ti,ab. (175)
- 48 ((questionnaire\* or survey\* or self-report\* or "self report\*" or assessment\*) adj3
- (school\* or class or classroom\* or pupil\* or student\* or teach\*)).ti,ab. (674)
- 49 or/34-48 (12475)
- 50 (classroom\* or "whole class\*" or whole-class\*).ti,ab. (510)
- 51 ((multi\*-component or multicomponent or "multi\* component" or universal or brief or "group based" or group-based or groupbased or "group work\*" or group-work\* or

groupwork\* or "small group\*" or small-group\* or targeted) and (intervention\* or program\* or project\* or pilot\* or initiative\* or approach\* or activit\* or lesson\* or curricul\*)).ti,ab. (6132)

52 ("whole school\*" or whole-school\* or wholeschool\* or "school wide" or school-wide or school-based or schoolbased).ti,ab. (457)

53 (school\* adj3 (ethos or culture or life or environment or governance or policy or policies or leadership or SLT)).ti,ab. (197)

54 (school\* and (intervention\* or program\*)).ti,ab. (2037)

55 or/50-54 (8561)

56 49 and 55 (2151)

57 21 and 56 (1137)

58 (school\* or pupil\* or student\* or teach\* or curricul\* or lesson\* or learner\* or learning or syllabus).ti,ab. (20829)

59 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (133)

60 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (4)

61 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (2718) 62 or/58-61 (22883)

63 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (42432)

#### 64 62 not 63 (15842)

65 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preadolescen\* or preadolescen\* or pre-teen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or student\* or pupil\* or "school age\*" or school-age\* or schoolage\*).ti,ab. (38663)

- 66 64 and 65 (6977)
- 67 33 or 57 (1685)
- 68 66 and 67 (544)
- 69 limit 68 to english language (542)
- 70 limit 69 to yr="2007 -Current" (514)

### 5.1.3.2 1st re-run search

Re-ran the original search strategy (5.1.3.1) with the following additional final line:

#### 71 limit 70 to dt=20190924-20200901 (222)

### 5.1.3.3 2nd re-run search

Re-ran the original search strategy (5.1.3.1) with the following additional final line: 71 limit 70 to dt=20200901-20210713 300

### 5.1.4 Embase

### 5.1.4.1 Original search

1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) and (wellbeing or well-being or wellness or learn\* or competenc\* or skills)).ti,ab. (117388)

2 ((SEL or SEAL or SEBS or EWB or EMHWB) and (school\* or class\* or curricul\* or intervention\* or program\*)).ti,ab. (2466)

- 3 ("social learner\*" or "social learning").ti,ab. (3106)
- 4 (resilien\* or coping).ti,ab. (96703)
- 5 coping behavior/ or psychological resilience/ (57739)

6 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or mindful\*).ti,ab. (121543)

- 7 emotional intelligence/ or empathy/ (27124)
- 8 exp self concept/ (187249)
- 9 psychological adjustment/ or social adaptation/ (22820)

10 ((social or interpersonal or communication or relationship\*) adj2 (skill\* or

- competence\* or attribute\*)).ti,ab. (29143)
- 11 (friendship\* or friends).ti,ab. (38075)
- 12 ((social or peer or peers) adj2 (group\* or network\*)).ti,ab. (35393)
- 13 empathy.ti,ab. (13991)

14 ("social awareness" or socialisation or socialization or "social interaction\*" or "social inclusion").ti,ab. (32835)

15 social norm/ or social competence/ or social behavior/ (85962)

- 16 ("personal development" or "youth development").ti,ab. (3024)
- 17 ("decision making" or "problem solv\*" or problem-solv\*).ti,ab. (185626)
- 18 decision making/ (214689)
- 19 problem solving/ (33138)

20 (bully\* or bullies or anti-bully\* or "anti bully\*" or antibully\* or cyber-bully\* or "cyber bully\*" or cyberbully\* or victimis\* or victimiz\* or stigma or anti-stigma or "anti stigma" or antistigma or prejudice\*).ti,ab. (46868)

21 (delinquen\* or anti-social or "anti social" or antisocial or "conduct disorder\*" or "risky behavio\*" or "problem behavio\*" or (behavio\* adj problem\*)).ti,ab. (48325)

22 (((substance or drug\* or alcohol) adj3 ("use" or abuse or misuse)) and (prevent\* or reduc\*)).ti,ab. (77822)

23 ((exclu\* or expulsion or expel\* or absent\* or truant\* or truancy or conflict or violent or violence or disengage\*) and school\*).ti,ab. (20227)

24 bullying/ or problem behavior/ (10846)

25 ((school\* or academic) adj2 (achieve\* or attain\* or engage\* or progress\* or motivat\* or connectedness or belonging)).ti,ab. (10140)

26 mental health/ (128337)

27 (mental adj2 (health or wellbeing or well-being or "well being" or wellness)).ti,ab. (168990)

28 ((psychological or "psycho social" or psycho-social or psychosocial) adj2 (wellbeing or "well being" or well-being)).ti,ab. (15462)

29 (anxiety or anxious or depression or depressed or depressive or stress).ti,ab. (1476351)
30 or/1-29 (2532591)

31 ("Aban Aya" or "Academic and Behavioural Competency Program\*" or "Active Citizens in Schools" or ACIS or "Adolescent Decision Making Program\*" or "ALERT plus" or "Alcohol Education Package" or "Alcohol Education Program\*" or "Alcohol Screening and Brief Intervention" or "All Stars" or "Al's Pals" or "Alternatives to Trouble" or "Amazing Alternatives" or "Anti-bullying Program\*" or "Attention Academy" or "Aussie Optimism" or BARR or "BBBS Ireland" or "Be the Best You can Be" or "Beat Bullying" or Beatbullying or "Befriending Intervention" or BeyondBlue or "Big Brothers Big Sisters" or "Bounce Back" or "Boys and Girls Club" or "Breathing Awareness Meditation" or "Building Assets Reducing Risks" or "Building Resiliency and Vocational Excellence" or "Bully Proofing" or Bullyproofing or "Bullying Eliminated from Schools Together").ti,ab. (40173)

32 (CAPSLE or CASEL or "Caring School Community" or CharacterPlus or "Child Development Initiative" or "Circle Time" or "Classroom Centred Intervention" or "Classroom Centred Program\*" or "Class-wide Function-based Intervention" or "Climate Schools" or Climb-UP or CMCD or "Coalition for Youth Quality of Life" or "Comer School Development Program\*" or CAPSLE or "Caring School Community" or CharacterPlus or "Child Development Initiative" or "Circle Time" or "Classroom Centred Intervention" or "Classroom Centred Program\*" or "Class-wide Function-based Intervention" or "Climate Schools" or Climb-UP or CMCD or "Coalition for Youth Quality of Life" or "Comer School Development Program\*" or "Communities that Care" or "Community of Caring" or "Competence Support Program\*" or "Competent Kids Caring Communities" or "Conscious Coping" or "Consistency Management and Cooperative Discipline" or "Coping Koala" or "Coping Power" or "Counsellor Peers" or "Creating a Peaceful School Learning Environment" or Cues-ed or CSRP or "Cultivating Awareness and Resilience in Education").ti,ab. (712)

33 ("Early Risers" or "EiE-L" or "Empathic Discipline" or "Empower Youth" or "Engage in Education" or "Expect Respect" or "Expeditionary Learning" or "Facing History and Ourselves" or "Families and Schools Together" or "Family Check-up" or "Family School Partnership" or "Family SEAL" or "Fast Track" or "FearNot\*" or "First Steps to Success" or "Formalised Peer Mentoring" or "Foundations of Learning" or "Fourth R-Skills" or "Fourth Step" or "Friendly Schools" or "FRIENDS program\*" or FSP or "Gang Resistance Education and Training" or Gatehouse or GBG or "Get Wise" or "Girls First" or "Going for Goals" or "Going Places" or "Good Behaviour Game" or "Grades Attendance and Behaviour" or "Guided Self-change" or HASSP or "Head Start" or "healthy active peaceful playgrounds" or "Healthy for Life" or "Healthy Futures" or "Healthy Lifestyles" or "Healthy Minds in Teenagers" or "Healthy Relationships Training Program\*" or "Healthy Schools and Drugs" or "Here's Looking at You" or HighScope or "Home and School Support Program\*" or "How to Thrive" or "I Can Problem Solve" or ICPS or "ICAN Kids" or "Improving Social Awareness" or "Incredible Years" or "Inner Explorer" or InnerKids or "Inspiring Futures" or "Interpersonal Cognitive Problem Solving Skills" or "In:tuition" or "ISA-SPS" or Jigsaw).ti,ab. (20840) 34 ("Keepin\* It REAL" or "Kia Kaha" or KiVa or "klar bleiben" or "Knightly Virtues" or "Know Your Body" or "Learning for Life" or "Learning to BREATHE" or "Lessons for Living" or "Lessons in Character" or "Life Skills Program\*" or "Life Skills Training" or Lift or "Linking the Interests of Families and Teachers" or "Lions Quest" or "Living with a Purpose" or "Love in a Big World" or LST or "Master Mind" or "Match Model" or "Michigan Model for Health" or "Middle School Success" or "Midwest\* Prevention Project" or "Millennium Volunteers" or "Million Dollar Machine" or "Mind Up" or MindUP or MindfulKids or "Mindfulness in

Schools" or MISP or "Mood Gym" or "My Character" or "My Teaching Partner" or "New Beginnings" or Narconon or OBPP or Olweus or "Open Circle" or "Op Volle Kracht" or "Over to You").ti,ab. (16920)

35 (Paths or PATHStoPAX or "Paws B" or "Peace Builders" or "Peace Works" or "Peacemaking Skills for Little Kids" or "Peer Mentoring" or "Peer Acceleration Social Network" or "Penn Resiliency Program\*" or "Personality Risk Factors" or PESSOA or Playworks or Ploughshares or "Positive Action" or "Positive Alternative Learning Support" or "Positive Adolescent Life Skills" or "Positive Youth Development Program\*" or "Preparation through Responsive Education" or "Primary SEAL" or "Prime for Life" or "Proactive Classroom" or Pro-ACT or "Problem Solving Program\*" or Progetto or "Project A.T.T.E.N.D." or "project ALERT" or "project CHARLIE" or "Project Northland" or "Project Pride" or "project SMART" or "Project Based Learning" or "Project STAR" or "Promoting Alternative Thinking Strategies" or "Puppets for Peace" or "Pyramid Project" or "Raising Healthy Children" or RCCP or ReachOut or "Reaching Adolescents for Prevention" or "Reading Apprenticeship" or "Reading, Writing, Respect and Resolution" or "Recognizing, Understanding, Labeling, Expressing and Regulating Emotions" or "Reconnecting Youth" or REDI or "Resilience Program\*" or "Resilient Families" or "Resolving Conflict Creatively" or "Respect Program\*" or "Responsive Classroom" or "Risk Training Skills" or "Rochester Resilience Program\*" or "Resourceful Adolescent Program\*" or "Roots of Empathy" or Rtime or Ruler).ti,ab. (27114) 36 ("Safe and Civil Schools" or "Safe Dates" or "SafERteens" or "Say Yes First" or SBIRT or "School-based Resilience Intervention" or "School Health and Alcohol Harm Reduction Project" or "Second Step" or SS-SSTP or "Secondary SEAL" or "Seattle Social Development Project" or "SEED Scotland" or "Self-determination Program\*" or "Self-management and Resistance Training" or "Service Learning" or "SFP10-14" or SHAHRP or "Siblings are Special" or SIBS or "Skills for Adolescence" or "Skills for Change" or "Skills for Success" or SingUp or "Social Competence Training" or "Social Decision Making" or "Social Norms" or "Social Problem Solving Skills" or "Social Skills Group Intervention\*" or "Social Skills Training" or "South Carolina Program\*" or "Smart Moves" or "S.S.GRIN" or SST or "Steg fur Steg" or STAMPP or "STARS for Families" or "Start Taking Alcohol Risks Seriously" or "Staying Calm" or "Step II" or "Steps towards Alcohol Misuse Prevention" or "Talk about Alcohol" or "Stepby-Step" or "Steps to Respect" or "Stop Breathe Be" or "Strengthening Families Program\*" or "Strengths Gym" or "Stress Inoculation Training" or "Stress Management Intervention" or "Student Success Skills" or "Student Success through Prevention" or "Student Threat Assessment" or "Success for Kids" or SWPBIS or SWPBS or "Teach Team" or "Teen Outreach Program\*" or "Teen Talk" or "Theatre in Education" or "The GOOD life" or "The Incredible Years" or "Think Feel Do" or "Think Well, Do Well" or "Too Good for Violence" or "Tools for Getting Along" or "Tools of the Mind" or "Towards no drug abuse" or "Transition Mentoring" or "Tribes Learning Communities" or "UK Resilience Program\*" or "Unique Minds" or ViSC or "Wise Mind" or Woodrock or YogaKid\* or "Yo Puedo" or "You Can Do It!" or "Youth Development Project" or "Youth Matters" or "Zippy's Friends" or "21st Century Community Learning" or "4Rs").ti,ab. (48073)

37 (PSHE or "personal social health" or PSE or "personal and social education" or SMSC or "spiritual moral social and cultural").ti,ab. (3000)

38 ("positive behavio\* intervention\*" or "positive behavio\* support" or PBIS).ti,ab. (342)

- 39 ("school-wide positive behavio\* support\*" or SWPBS).ti,ab. (7)
- 40 "relationships and sex education".ti,ab. (12)
- 41 or/31-40 (156190)
- 42 30 and 41 (23155)
- 43 (mindful\* or meditat\* or yoga).ti,ab. (21663)
- 44 meditation/ or mindfulness/ or yoga/ (17812)
- 45 "life skills".ti,ab. (1427)

46 "motivational interview\*".ti,ab. (5659)

47 motivational interviewing/ (4454)

48 ((brief or opportunist\* or concise or short or direct) adj3 (counsel\* or advice\* or advise\* or advisor\* or therap\* or support\* or guide\* or guidance\* or intervention\*)).ti,ab. (47631)

49 ((behaviour\* or behavior\* or cognitive) adj3 (technique\* or therap\* or chang\* or modify or modifies or modifying or support\* or intervention\* or session\* or program\* or workshop\*)).ti,ab. (176122)

50 counseling/ or directive counseling/ or child psychology/ (78478)

51 behavior therapy/ or cognitive behavior therapy/ or play therapy/ (52740)

52 (skills adj1 (train\* or teach\* or educat\* or develop\*)).ti,ab. (14652)

53 ((peer or pastoral or teacher\*) adj2 (educat\* or support\* or group\* or led)).ti,ab.(17150)

54 (prevent\* and (intervention\* or program\*)).ti,ab. (313469)

55 "intervention program\*".ti,ab. (19610)

- 56 "social and emotional learning program\*".ti,ab. (31)
- 57 "play therap\*".ti,ab. (554)

58 ("mental health" adj3 (intervention\* or program\*)).ti,ab. (7271)

59 ((wellbeing or "well being" or well-being) adj3 (intervention\* or therap\* or program\*)).ti,ab. (2071)

60 ((HIIT or fitness or "physical activity") adj2 (intervention or program\*)).ti,ab. (6906)

61 ((questionnaire\* or survey\* or self-report\* or "self report\*" or assessment\*) adj3

(school\* or class or classroom\* or pupil\* or student\* or teach\*)).ti,ab. (35067) 62 or/43-61 (713134)

62 or/43-61 (713134)

63 (classroom\* or "whole class\*" or whole-class\*).ti,ab. (19218)

64 ((multi\*-component or multicomponent or "multi\* component" or universal or brief or "group based" or group-based or groupbased or "group work\*" or group-work\* or groupwork\* or "small group\*" or small-group\* or targeted or selected or indicated) and (intervention\* or program\* or project\* or pilot\* or initiative\* or approach\* or activit\* or

lesson\* or curricul\*)).ti,ab. (946728)
("whole school\*" or whole-school\* or wholeschool\* or "school wide" or school-wide or schoolwide or "school based" or school-based or schoolbased).ti,ab. (14835)

66 (school\* adj3 (ethos or culture or life or environment or governance or policy or policies or leadership or SLT)).ti,ab. (8340)

67 (school\* and (intervention\* or program\*)).ti,ab. (93749)

- 68 or/63-67 (1042687)
- 69 62 and 68 (134619)
- 70 30 and 69 (53734)

71 (school\* or pupil\* or student\* or teach\* or curricul\* or lesson\* or learner\* or learning or syllabus).ti,ab. (1124764)

72 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (10660)

73 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (75)

74 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (203571) 75 curriculum/ or school/ or teaching/ or school teacher/ or school health nursing/ or school health service/ (224293)

76 or/71-75 (1360237)

77 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or
"teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (3438129)
78 76 not 77 (863095)

79 child behavior/ or child welfare/ or child/ or child development/ or child health/ (1685761)

80 adolescent behavior/ or adolescent development/ or adolescent/ or adolescent health/ (1463253)

81 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preteen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or "school age\*" or school-age\* or schoolage\* or K-12).ti,ab. (2350010)

- 82 or/79-81 (3486073)
- 83 78 and 82 (258618)
- 84 42 or 70 (73908)
- 85 83 and 84 (15402)
- 86 limit 85 to english language (14657)
- 87 86 not (letter or editorial).pt. (14629)
- 88 (conference abstract or conference paper or conference proceeding or "conference review").pt. (4342296)
- 89 87 not 88 (12130)
- 90 elsevier.cr. (25015548)
- 91 89 and 90 (6598)
- 92 limit 91 to yr="2007 -Current" (4341)

### 5.1.4.2 1st re-run search

Re-ran the original search strategy (5.1.4.1) with the following additional final line:

93 limit 92 to dc=20190924-20200901 (677)
#### 5.1.4.3 2nd re-run search

Re-ran the original search strategy (5.1.4.1) with the following additional final line:

```
93 limit 92 to dc=20200901-20210713 776
```

## 5.1.5 psycINFO

## 5.1.5.1 Original search

1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) and (wellbeing or well-being or wellness or learn\* or competenc\* or skills)).ti,ab. (175058)

2 ((SEL or SEAL or SEBS or EWB or EMHWB) and (school\* or class\* or curricul\* or intervention\* or program\*)).ti,ab. (636)

- 3 ("social learner\*" or "social learning").ti,ab. (7610)
- 4 (resilien\* or coping).ti,ab. (97655)
- 5 "Resilience (Psychological)"/ (12809)

6 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or mindful\*).ti,ab. (158765)

- 7 Emotional Intelligence/ or Empathy/ (17946)
- 8 self-concept/ (42699)
- 9 Emotional Adjustment/ or Coping Behavior/ or Social Adjustment/ (67337)
- 10 ((social or interpersonal or communication or relationship\*) adj2 (skill\* or competence\* or attribute\*)).ti,ab. (37618)
- 11 (friendship\* or friends).ti,ab. (45616)
- 12 ((social or peer or peers) adj2 (group\* or network\*)).ti,ab. (47087)
- 13 empathy.ti,ab. (22060)

14 ("social awareness" or socialisation or socialization or "social interaction\*" or "social inclusion").ti,ab. (53329)

- 15 Social Skills/ or Social Behavior/ or Social Values/ (36185)
- 16 ("personal development" or "youth development").ti,ab. (6217)
- 17 ("decision making" or "problem solv\*" or problem-solv\*).ti,ab. (118041)
- 18 Decision Making/ (70946)
- 19 Problem Solving/ (26870)

20 (bully\* or bullies or anti-bully\* or "anti bully\*" or antibully\* or cyber-bully\* or "cyber bully\*" or cyberbully\* or victimis\* or victimiz\* or stigma or anti-stigma or "anti stigma" or antistigma or prejudice\*).ti,ab. (60189)

21 (delinquen\* or anti-social or "anti social" or antisocial or "conduct disorder\*" or "risky behavio\*" or "problem behavio\*" or (behavio\* adj problem\*)).ti,ab. (75194)

22 (((substance or drug\* or alcohol) adj3 ("use" or abuse or misuse)) and (prevent\* or reduc\*)).ti,ab. (36999)

23 ((exclu\* or expulsion or expel\* or absent\* or truant\* or truancy or conflict or violent or violence or disengage\*) and school\*).ti,ab. (25147)

24 School Violence/ or Bullying/ or Cyberbullying/ or Antisocial Behavior/ (19719)

25 ((school\* or academic) adj2 (achieve\* or attain\* or engage\* or progress\* or motivat\* or connectedness or belonging)).ti,ab. (33987)

26 Mental Health/ or Well Being/ (97966)

27 (mental adj2 (health or wellbeing or well-being or "well being" or wellness)).ti,ab. (169754)

28 ((psychological or "psycho social" or psycho-social or psychosocial) adj2 (wellbeing or "well being" or well-being)).ti,ab. (14820)

29 (anxiety or anxious or depression or depressed or depressive or stress).ti,ab. (539784)
30 or/1-29 (1390675)

31 ("Aban Aya" or "Academic and Behavioural Competency Program\*" or "Active Citizens in Schools" or ACIS or "Adolescent Decision Making Program\*" or "ALERT plus" or "Alcohol Education Package" or "Alcohol Education Program\*" or "Alcohol Screening and Brief Intervention" or "All Stars" or "Al's Pals" or "Alternatives to Trouble" or "Amazing Alternatives" or "Anti-bullying Program\*" or "Attention Academy" or "Aussie Optimism" or BARR or "BBBS Ireland" or "Be the Best You can Be" or "Beat Bullying" or Beatbullying or "Befriending Intervention" or BeyondBlue or "Big Brothers Big Sisters" or "Bounce Back" or "Boys and Girls Club" or "Breathing Awareness Meditation" or "Building Assets Reducing Risks" or "Building Resiliency and Vocational Excellence" or "Bully Proofing" or Bullyproofing or "Bullying Eliminated from Schools Together").ti,ab. (1748)

32 (CAPSLE or CASEL or "Caring School Community" or CharacterPlus or "Child Development Initiative" or "Circle Time" or "Classroom Centred Intervention" or "Classroom Centred Program\*" or "Class-wide Function-based Intervention" or "Climate Schools" or Climb-UP or CMCD or "Coalition for Youth Quality of Life" or "Comer School Development Program\*" or "Communities that Care" or "Community of Caring" or "Competence Support Program\*" or "Competent Kids Caring Communities" or "Conscious Coping" or "Consistency Management and Cooperative Discipline" or "Coping Koala" or "Coping Power" or "Counsellor Peers" or "Creating a Peaceful School Learning Environment" or Cues-ed or CSRP or "Cultivating Awareness and Resilience in Education").ti,ab. (652)

33 ("Early Risers" or "EiE-L" or "Empathic Discipline" or "Empower Youth" or "Engage in Education" or "Expect Respect" or "Expeditionary Learning" or "Facing History and Ourselves" or "Families and Schools Together" or "Family Check-up" or "Family School Partnership" or "Family SEAL" or "Fast Track" or "FearNot\*" or "First Steps to Success" or "Formalised Peer Mentoring" or "Foundations of Learning" or "Fourth R-Skills" or "Fourth Step" or "Friendly Schools" or "FRIENDS program\*" or FSP or "Gang Resistance Education and Training" or Gatehouse or GBG or "Get Wise" or "Girls First" or "Going for Goals" or "Going Places" or "Good Behaviour Game" or "Grades Attendance and Behaviour" or "Guided Self-change" or HASSP or "Head Start" or "healthy active peaceful playgrounds" or "Healthy for Life" or "Healthy Futures" or "Healthy Lifestyles" or "Healthy Minds in Teenagers" or "Healthy Relationships Training Program\*" or "Healthy Schools and Drugs" or "Here's Looking at You" or HighScope or "Home and School Support Program\*" or "How to Thrive" or "I Can Problem Solve" or ICPS or "ICAN Kids" or "Improving Social Awareness" or "Incredible Years" or "Inner Explorer" or InnerKids or "Inspiring Futures" or "Interpersonal Cognitive Problem Solving Skills" or "In:tuition" or "ISA-SPS" or Jigsaw).ti,ab. (12446) 34 ("Keepin\* It REAL" or "Kia Kaha" or KiVa or "klar bleiben" or "Knightly Virtues" or "Know Your Body" or "Learning for Life" or "Learning to BREATHE" or "Lessons for Living" or "Lessons in Character" or "Life Skills Program\*" or "Life Skills Training" or Lift or "Linking the Interests of Families and Teachers" or "Lions Quest" or "Living with a Purpose" or "Love in a Big World" or LST or "Master Mind" or "Match Model" or "Michigan Model for Health" or "Middle School Success" or "Midwest\* Prevention Project" or "Millennium Volunteers" or "Million Dollar Machine" or "Mind Up" or MindUP or MindfulKids or "Mindfulness in Schools" or MISP or "Mood Gym" or "My Character" or "My Teaching Partner" or "New Beginnings" or Narconon or OBPP or Olweus or "Open Circle" or "Op Volle Kracht" or "Over to You").ti,ab. (3553)

35 (Paths or PATHStoPAX or "Paws B" or "Peace Builders" or "Peace Works" or "Peacemaking Skills for Little Kids" or "Peer Mentoring" or "Peer Acceleration Social Network" or "Penn Resiliency Program\*" or "Personality Risk Factors" or PESSOA or Playworks or Ploughshares or "Positive Action" or "Positive Alternative Learning Support" or "Positive Adolescent Life Skills" or "Positive Youth Development Program\*" or "Preparation through Responsive Education" or "Primary SEAL" or "Prime for Life" or "Proactive Classroom" or Pro-ACT or "Problem Solving Program\*" or Progetto or "Project A.T.T.E.N.D." or "project ALERT" or "project CHARLIE" or "Project Northland" or "Project Pride" or "project SMART" or "Project Based Learning" or "Project STAR" or "Promoting Alternative Thinking Strategies" or "Puppets for Peace" or "Pyramid Project" or "Raising Healthy Children" or RCCP or ReachOut or "Reaching Adolescents for Prevention" or "Reading Apprenticeship" or "Reading, Writing, Respect and Resolution" or "Recognizing, Understanding, Labeling, Expressing and Regulating Emotions" or "Reconnecting Youth" or REDI or "Resilience Program\*" or "Resilient Families" or "Resolving Conflict Creatively" or "Respect Program\*" or "Responsive Classroom" or "Risk Training Skills" or "Rochester Resilience Program\*" or "Resourceful Adolescent Program\*" or "Roots of Empathy" or Rtime or Ruler).ti,ab. (15310) 36 ("Safe and Civil Schools" or "Safe Dates" or "SafERteens" or "Say Yes First" or SBIRT or "School-based Resilience Intervention" or "School Health and Alcohol Harm Reduction Project" or "Second Step" or SS-SSTP or "Secondary SEAL" or "Seattle Social Development Project" or "SEED Scotland" or "Self-determination Program\*" or "Self-management and Resistance Training" or "Service Learning" or "SFP10-14" or SHAHRP or "Siblings are Special" or SIBS or "Skills for Adolescence" or "Skills for Change" or "Skills for Success" or SingUp or "Social Competence Training" or "Social Decision Making" or "Social Norms" or "Social Problem Solving Skills" or "Social Skills Group Intervention\*" or "Social Skills Training" or "South Carolina Program\*" or "Smart Moves" or "S.S.GRIN" or SST or "Steg fur Steg" or STAMPP or "STARS for Families" or "Start Taking Alcohol Risks Seriously" or "Staying Calm" or "Step II" or "Steps towards Alcohol Misuse Prevention" or "Talk about Alcohol" or "Stepby-Step" or "Steps to Respect" or "Stop Breathe Be" or "Strengthening Families Program\*" or "Strengths Gym" or "Stress Inoculation Training" or "Stress Management Intervention" or "Student Success Skills" or "Student Success through Prevention" or "Student Threat Assessment" or "Success for Kids" or SWPBIS or SWPBS or "Teach Team" or "Teen Outreach Program\*" or "Teen Talk" or "Theatre in Education" or "The GOOD life" or "The Incredible Years" or "Think Feel Do" or "Think Well, Do Well" or "Too Good for Violence" or "Tools for Getting Along" or "Tools of the Mind" or "Towards no drug abuse" or "Transition Mentoring" or "Tribes Learning Communities" or "UK Resilience Program\*" or "Unique Minds" or ViSC or "Wise Mind" or Woodrock or YogaKid\* or "Yo Puedo" or "You Can Do It!" or "Youth Development Project" or "Youth Matters" or "Zippy's Friends" or "21st Century Community Learning" or "4Rs").ti,ab. (21555)

37 (PSHE or "personal social health" or PSE or "personal and social education" or SMSC or "spiritual moral social and cultural").ti,ab. (861)

38 ("positive behavio\* intervention\*" or "positive behavio\* support" or PBIS).ti,ab. (1354)

- 39 ("school-wide positive behavio\* support\*" or SWPBS).ti,ab. (239)
- 40 "relationships and sex education".ti,ab. (18)
- 41 or/31-40 (56234)
- 42 30 and 41 (26352)
- 43 (mindful\* or meditat\* or yoga).ti,ab. (21467)
- 44 Mindfulness/ or Meditation/ or Yoga/ or Mindfulness-Based Interventions/ (13252)
- 45 "life skills".ti,ab. (1969)
- 46 "motivational interview\*".ti,ab. (3424)
- 47 Motivational Interviewing/ (2306)

48 ((brief or opportunist\* or concise or short or direct) adj3 (counsel\* or advice\* or advise\* or advisor\* or therap\* or support\* or guide\* or guidance\* or intervention\*)).ti,ab. (19783)

49 ((behaviour\* or behavior\* or cognitive) adj3 (technique\* or therap\* or chang\* or modify or modifies or modifying or support\* or intervention\* or session\* or program\* or workshop\*)).ti,ab. (139739)

50 Counseling/ or School Counseling/ or Adolescent Psychology/ (32176)

51 Behavior Therapy/ or Cognitive Behavior Therapy/ or Play Therapy/ (35137)

52 (skills adj1 (train\* or teach\* or educat\* or develop\*)).ti,ab. (14157)

53 ((peer or pastoral or teacher\*) adj1 (educat\* or support\* or group\* or led)).ti,ab. (30820)

54 (prevent\* and (intervention\* or program\*)).ti,ab. (85385)

55 "intervention program\*".ti,ab. (15547)

56 "social and emotional learning program\*".ti,ab. (122)

57 "play therap\*".ti,ab. (3066)

58 ("mental health" adj3 (intervention\* or program\*)).ti,ab. (8715)

59 ((Wellbeing or "well being" or well-being) adj3 (intervention\* or therap\* or program\*)).ti,ab. (1471)

60 ((HIIT or fitness or "physical activity") adj2 (intervention or program\*)).ti,ab. (2388)

61 ((questionnaire\* or survey\* or self-report\* or "self report\*" or assessment\*) adj3

(school\* or class or classroom\* or pupil\* or student\* or teach\*)).ti,ab. (42620)

62 or/43-61 (383294)

63 (classroom\* or "whole class\*" or whole-class\*).ti,ab. (84188)

64 ((multi\*-component or multicomponent or "multi\* component" or universal or brief or "group based" or group-based or groupbased or "group work\*" or group-work\* or groupwork\* or "small group\*" or small-group\* or targeted or selected or indicated) and (intervention\* or program\* or project\* or pilot\* or initiative\* or approach\* or activit\* or lesson\* or curricul\*)).ti,ab. (207442)

65 ("whole school\*" or whole-school\* or wholeschool\* or "school wide" or school-wide or school-wide or "school based" or school-based or schoolbased).ti,ab. (17180)

66 (school\* adj3 (ethos or culture or life or environment or governance or policy or policies or leadership or SLT)).ti,ab. (17477)

67 (school\* and (intervention\* or program\*)).ti,ab. (103770)

68 School Based Intervention/ (17562)

69 or/63-68 (369339)

70 62 and 69 (100958)

71 30 and 70 (56215)

72 (school\* or pupil\* or student\* or teach\* or curricul\*or lesson\* or learner\* or learning or syllabus).ti,ab. (1007426)

73 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (4871)

74 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (115)

75 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade 2" or "grade

three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (86827) 76 Curriculum/ or Schools/ or Teaching/ or School Environment/ or School Nurses/ or teachers/ or middle school teachers/ or high school teachers/ or junior high school teachers/ or middle school teachers/ (141368)

77 or/72-76 (1037192)

78 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (630231)

- 79 77 not 78 (783910)
- 80 Child Behavior/ or Child Welfare/ (8435)

81 Adolescent Behavior/ or Adolescent Development/ or Adolescent Health/ (47838)

82 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preteen\* or preteen\* or teen or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or "school age\*" or school-age\* or K-12).ti,ab. (918900)

- 83 or/80-82 (920334)
- 84 79 and 83 (273121)
- 85 42 or 71 (77899)
- 86 84 and 85 (22382)
- 87 limit 86 to english language (20906)

88 limit 87 to ("0200 book" or "0240 authored book" or "0280 edited book" or "0300 encyclopedia" or "0400 dissertation abstract") (7843)

- 89 87 not 88 (13063)
- 90 limit 89 to yr="2007 -Current" (8144)

## 5.1.5.2 1st re-run search

Re-ran the original search strategy (5.1.5.1) with the following additional final line:

91 limit 90 to up=20190924-20200901 (625)

## 5.1.5.3 2nd re-run search

Re-ran the original search strategy (5.1.5.1) with the following additional final line:

91 limit 90 to up=20200901-20210713 621

# 5.1.6 ERIC

## 5.1.6.1 Original search

Set#	Searched for	Results
51	(TI,AB((Social OR emotional OR social-emotional OR socio OR socio- emotional OR pro-social OR prosocial) AND (wellbeing OR well-being OR wellness OR learn OR learner OR learners OR learning OR competence OR competent or competencies OR skills)) OR (ISEL OR SEAL OR SEBS OR EWB OR EMHWB) AND (school OR schools OR class OR classes OR classroom OR classrooms OR curriculum OR curricula OR curricular OR intervention OR interventions OR program OR programs OR programme OR programmes)) OR "social learner" OR "social learners" OR "social learning" OR resilient OR resilience OR resiliencies OR coping OR self- control OR "emotional regulation" OR self-aware OR self-confidence OR self-confident OR self-management OR self-casteen OR self-confidence OR self-confident OR self-management OR self-curres on OR (social OR peer OR peers) NEAR/2 (group OR groups OR network OR networks)) OR empathy OR "social awareness" OR socialisation OR socialization OR relationship) NEAR/2 (group OR groups OR network OR networks)) OR empathy OR "social awareness" OR socialisation OR socialization OR "social interaction" OR "social interactions" OR "social inclusion" OR "personal development" OR "youth development" OR "decision making" OR "problem solving" OR problem-solving or bully OR bullying or bullies or anti-bully or anti-bullying or "anti bully" or "anti bullying or bullies or cyber bullying or "cyber-bullying or cyber-bully or cyber bullies" or cyberbully or cyber bullies or cyberbullying or "irisky behaviors" or "risky behaviors" or "problem behaviour" or "irisky behaviors" or "risky	503008

	depressed or depressive or stress) or MAINSUBJECT.EXACT("Resilience (Psychology)") or MAINSUBJECT.EXACT("Emotional Intelligence") or MAINSUBJECT.EXACT("Self Concept") or MAINSUBJECT.EXACT("Emotional Adjustment") or MAINSUBJECT.EXACT("Emotional Adjustment") or MAINSUBJECT.EXACT("Interpersonal Competence") or MAINSUBJECT.EXACT("Interpersonal Competence") or MAINSUBJECT.EXACT("Social Values") OR MAINSUBJECT.EXACT("Social Behavior") or MAINSUBJECT.EXACT("Decision Making Skills") or MAINSUBJECT.EXACT("Problem Solving") or MAINSUBJECT.EXACT("Problem Solving") or MAINSUBJECT.EXACT("Bullying") or MAINSUBJECT.EXACT("Antisocial Behavior") or MAINSUBJECT.EXACT("Well Being") or MAINSUBJECT.EXACT("Emotional Development") or MAINSUBJECT.EXACT("Coping") OR MAINSUBJECT.EXACT("Interpersonal Relationship") or MAINSUBJECT.EXACT("Empathy") or MAINSUBJECT.EXACT("Socialization") MAINSUBJECT.EXACT("Individual Development") or MAINSUBJECT.EXACT("Decision Making Skills") or MAINSUBJECT.EXACT("Socialization") MAINSUBJECT.EXACT("Individual Development") or MAINSUBJECT.EXACT("Decision Making Skills") or MAINSUBJECT.EXACT("Mental Health")	
S2	TI,AB("Aban Aya" or "Academic and Behavioural Competency Program" or "Active Citizens in Schools" or ACIS or "Adolescent Decision Making Program" or "Alcohol Education Package" or "Alcohol Education Program" or "Alcohol Screening and Brief Intervention" or "All Stars" or "Al's Pals" or "Alternatives to Trouble" or "Amazing Alternatives" or "Anti-bullying Program" or "Attention Academy" or "Aussie Optimism" or BARR or "BBBS Ireland" or "Be the Best You can Be" or "Beat Bullying" or Beatbullying or "Befriending Intervention" or BeyondBlue or "Big Brothers Big Sisters" or "Bounce Back" or "Boys and Girls Club" or "Breathing Awareness Meditation" or "Building Assets Reducing Risks" or "Building Resiliency and Vocational Excellence" or "Bully Proofing" or Builyproofing or "Bullying Eliminated from Schools Together" or CAPSLE or CASEL or "Caring School Community" or CharacterPlus or "Child Development Initiative" or "Circle Time" or "Classroom Centred Intervention" or "Classroom Centred Program" or "Class-wide Function- based Intervention" or "Climate Schools" or Climb-UP or CMCD or "Coalition for Youth Quality of Life" or "Competent Kids Caring Communities" or "Conscious Coping" or "Consistency Management and Cooperative Discipline" or "Coping Koala" or "Coping Power" or "Counsellor Peers" or "Creating a Peaceful School Learning Environment" or Cues-ed or CSRP or "Cultivating Awareness and Resilience in Education" or "Early Risers" or "EiE-L" or "Empathic Discipline" or "Empower Youth" or "Engage in Education" or "Family School Partnership" or "Family SEAL" or "Family School Partnership" or "Family SetAL" or "Family School Partnership" or "Familise Heer Mentoring" or "Familises and Schools Together" or "Gang Resistance Education and Training" or "Expeditionary Learning" or "Facing History and Ourselves" or "First Steps to Success" or "Formalised Peer Mentoring" or "Foundations of Learning" or "Fourth R-Skills" or "Fourth Step" or "Friendly Schools" or "FIENDS program" or FSP or "Gang Resistance Education and Trainin	36213

Behaviour" or "Guided Self-change" or HASSP or "Head Start" or "Healthy for Life" or "Healthy Futures" or "Healthy Lifestyles" or "Healthy Minds in Teenagers" or "Healthy Relationships Training Program" or "Healthy Schools and Drugs" or "Here's Looking at You" or HighScope or "Home and School Support Program" or "How to Thrive" or "I Can Problem Solve" or "ICAN Kids" or "Improving Social Awareness" or "Incredible Years" or "Inner Explorer" or InnerKids or "Interpersonal Cognitive Problem Solving Skills" or "In:tuition" or "ISA-SPS" or Jigsaw or "Keepin It REAL" or "Kia Kaha" or KiVa or "Knightly Virtues" or "Know Your Body" or "Learning for Life" or "Learning to BREATHE" or "Lessons for Living" or "Lessons in Character" or "Life Skills Program" or "Life Skills Training" or "Linking the Interests of Families and Teachers" or "Lions Quest" or "Living with a Purpose" or "Love in a Big World" or LST or "Master Mind" or "Match Model" or "Michigan Model for Health" or "Middle School Success" or "Midwest Prevention Project" or "Millennium Volunteers" or "Million Dollar Machine" or "Mind Up" or MindUP or MindfulKids or "Mindfulness in Schools" or MISP or "Mood Gym" or "My Character" or "My Teaching Partner" or "New Beginnings" or Narconon or OBPP or Olweus or "Open Circle" or "Op Volle Kracht" or "Over to You" or Paths or "Paws B" or "Peace Builders" or "Peace Works" or "Peacemaking Skills for Little Kids" or "Peer Mentoring" or "Peer Acceleration Social Network" or "Penn Resiliency Program" or "Personality Risk Factors" or Ploughshares or "Positive Action" or "Positive Alternative Learning Support" or "Positive Adolescent Life Skills" or "Positive Youth Development Program" or "Preparation through Responsive Education" or "Primary SEAL" or "Prime for Life" or "Proactive Classroom" or Pro-ACT or "Problem Solving Program" or Progetto or "Project A.T.T.E.N.D." or "project ALERT" or "project CHARLIE" or "Project Northland" or "Project Pride" or "project SMART" or "Project Based Learning" or "Project STAR" or "Promoting Alternative Thinking Strategies" or "Puppets for Peace" or "Pyramid Project" or "Raising Healthy Children" or RCCP or ReachOut or "Reaching Adolescents for Prevention" or "Reading Apprenticeship" or "Reading, Writing, Respect and Resolution" or "Recognizing, Understanding, Labeling, Expressing and Regulating Emotions" or "Reconnecting Youth" or REDI or "Resilience Program" or "Resilient Families" or "Resolving Conflict Creatively" or "Respect Program" or "Responsive Classroom" or "Risk Training Skills" or "Rochester Resilience Program" or "Resourceful Adolescent Program" or "Roots of Empathy" or Rtime or "Safe and Civil Schools" or "Safe Dates" or "SafERteens" or "Say Yes First" or "School-based Resilience Intervention" or "School Health and Alcohol Harm Reduction Project" or "Second Step" or SS-SSTP or "Secondary SEAL" or "Seattle Social Development Project" or "SEED Scotland" or "Self-determination Program" or "Self-management and Resistance Training" or "Service Learning" or "SFP10-14" or SHAHRP or "Siblings are Special" or SIBS or "Skills for Adolescence" or "Skills for Change" or "Skills for Success" or SingUp or "Social Competence Training" or "Social Decision Making" or "Social Norms" or "Social Problem Solving Skills" or "Social Skills Group Intervention" or "Social Skills Training" or "South Carolina Program" or "Smart Moves" or "S.S.GRIN" or SST or STAMPP or "STARS for Families" or "Start Taking Alcohol Risks Seriously" or "Staying Calm" or "Step II" or "Steps towards Alcohol Misuse

	Prevention" or "Talk about Alcohol" or "Step-by-Step" or "Steps to Respect" or "Stop Breathe Be" or "Strengthening Families Program" or "Strengths Gym" or "Stress Inoculation Training" or "Stress Management Intervention" or "Student Success Skills" or "Student Success through Prevention" or "Student Threat Assessment" or "Success for Kids or SWPBIS" or SWPBS or "Teach Team" or "Teen Outreach Program" or "Teen Talk" or "Theatre in Education" or "The Incredible Years" or "Think Feel Do" or "Think Well, Do Well" or "Too Good for Violence" or "Tools for Getting Along" or "Tools of the Mind" or "Transition Mentoring" or "Tribes Learning Communities" or "UK Resilience Program" or "Unique Minds" or ViSC or "Wise Mind" or Woodrock or YogaKids or "Yo Puedo" or "You Can Do It" or "Youth Development Project" or "Youth Matters" or "Zippy's Friends" or "21st Century Community Learning" or "4Rs" or PSHE or "personal social health" or PSE or "personal and social education" or SMSC or "spiritual moral social and cultural" or "positive behaviour intervention" or "positive behavior interventions" or "positive behaviour support" or "positive behavior support" or PBIS or "school-wide positive behaviour support" or SWPBS or "relationships and sex education")	
S3	s1 and s2	16041
S4	(TI,AB(mindful or mindfulness OR meditate or meditation or yoga OR "life skills" OR "motivational interview" OR "motivational interviews" or "motivational interviewing") OR ((brief or opportunist or opportunistic or concise or short or direct) NEAR/3 (counsel or counseling or counselling or advice or advise or advisor or therapy or therapies or therapist or support or guide or guidance or intervention or interventions)) OR ((behaviour or behavior or cognitive) NEAR/3 (technique or techniques or therapy or therapies or therapist or therapists or change or changes or changing or modify or modifies or modifying or support or supported or supporting or intervention or interventions or session or sessions or program or programs or programme or programmes or workshop or workshops)) OR (skills NEAR/1 (train or training or trainer or teach or teaching or teacher or teachers or educate or education or develop or development)) OR ((peer or pastoral or teacher or teachers) NEAR/1 (educate or education or support or group or groups or led)) OR ((prevent or prevention or programs or programme or programmes)) OR "intervention program" OR "intervention programme" OR "intervention program" OR "social and emotional learning programme" OR "play therapy" OR ("mental health" NEAR/3 (intervention or interventions or program or programme or programmes)) OR ((wellbeing or "well being" or well-being) NEAR/3 (intervention or interventions or therapy or therapies)) OR ((HIIT or fitness or "physical activity") NEAR/2 (intervention or interventions or program or programs or programme or programmes)) OR ((questionnaire or survey or surveys or self-report or self-reported or "self report" or "self reported" or assessment or assessments) NEAR/3 (school or schools or class or classes or classroom or classrooms or pupil or pupils or	336215

	student or students or teach or teacher or teachers))) or MAINSUBJECT.EXACT("School Counseling") OR MAINSUBJECT.EXACT("Peer Counseling") OR MAINSUBJECT.EXACT("Counseling") or MAINSUBJECT.EXACT("Child Psychology") or MAINSUBJECT.EXACT("Psychotherapy") or MAINSUBJECT.EXACT("Peer Teaching") or MAINSUBJECT.EXACT("Positive Behavior Supports") OR MAINSUBJECT.EXACT("Behavior Modification") or MAINSUBJECT.EXACT("Play Therapy")	
S5	(TI,AB(classroom or classrooms or "whole class" or whole-class) OR ((multi-component or multicomponent or "multi component" or multiple-component or "multiple component" or universal or brief or "group based" or group-based or groupbased or "group work" or group- work or groupwork or "small group" or small-group or "small groups" or small-groups or targeted or selected or indicated) and (intervention or interventions or program or programs or programme or programmes or project or projects or pilot or initiative or initiatives or approach or approaches or activity or activities or lesson or lessons or curriculum or curricula)) OR ("whole school" or whole-school or wholeschool or "school wide" or school-wide or schools) NEAR/3 (ethos or culture or life or environment or governance or policy or policies or leadership or SLT)) OR ((school or schools) and (intervention or interventions or program or programs or programme or programmes))) or MAINSUBJECT.EXACT("Educational Environment") OR MAINSUBJECT.EXACT("School Culture")	539942
S6	s4 and s5	167959
S7	s1 and s6	71377
S8	s3 or s7	83226
S9	((s8 AND rtype.exact("Report" OR "Statistics/Data Report" OR "Government & Official Document" OR "Review" OR "Article")) AND la.exact("English")) AND lv("high school equivalency programs" OR "elementary secondary education" OR "secondary education" OR "elementary education" OR "grade 2" OR "primary education" OR "grade 3" OR "grade 4" OR "grade 5" OR "high schools" OR "grade 1" OR "grade 10" OR "grade 11" OR "grade 12" OR "intermediate grades" OR "grade 6" OR "grade 7" OR "middle schools" OR "grade 8" OR "junior high schools" OR "grade 9") AND pd(2007-2019)	14796

#### 5.1.6.2 1st re-run search

Re-ran the original search strategy (5.1.6.1) with the following change to the date limit element in the final line:

S9	(((s3 or s7) AND rtype.exact("Report" OR "Statistics/Data Report" OR "Government & Official Document" OR "Review" OR "Article")) AND la.exact("English")) AND lv("high school equivalency programs" OR "elementary secondary education" OR "secondary education" OR "secondary	425
	education" OR "elementary education" OR "grade 2" OR "primary education" OR "grade 3" OR "grade 4" OR "grade 5" OR "high schools" OR "grade 1" OR "intermediate grades" OR "grade 6" OR "grade 7" OR "middle schools" OR "grade 8" OR "junior high schools" OR "grade 9") AND pd(>20190919)	

#### 5.1.6.3 2nd re-run search

Re-ran the original search strategy (5.1.6.1) with the following change to the date limit element in the final line:

S9 (((s3 or s7) AND rtype.exact("Report" OR "Statistics/Data Report" OR "Government & Official Document" OR "Review" OR "Article")) AND la.exact("English")) AND lv("high school equivalency programs" OR "elementary secondary education" OR "secondary education" OR "elementary education" OR "grade 2" OR "primary education" OR "grade 3" OR "grade 4" OR "grade 5" OR "high schools" OR "grade 1" OR "intermediate grades" OR "grade 6" OR "grade 7" OR "middle schools" OR "grade 8" OR "junior high schools" OR "grade 9") AND pd(>20200901)

## 5.1.7 Social Policy & Practice

#### 5.1.7.1 Original search

1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) and (wellbeing or well-being or wellness or learn\* or competenc\* or skills)).ti,ab. (22016)

2 ((Social\* or emotional\* or social-emotional\* or socio\* or socio-emotional\* or pro-social\* or prosocial\*) and (wellbeing\* or well-being\* or wellness\* or learn\* or competenc\* or skills\*)).hw. (10222)

3 ((SEL or SEAL or SEBS or EWB or EMHWB) and (school\* or class\* or curricul\* or intervention\* or program\*)).ti,ab. (25)

4 ((SEL or SEAL or SEBS or EWB or EMHWB) and (school\* or class\* or curricul\* or intervention\* or program\*)).hw. (3)

- 5 ("social learner\*" or "social learning").ti,ab. (140)
- 6 (social\* and learn\*).hw. (5769)
- 7 (resilien\* or coping).ti,ab. (6538)
- 8 (resilien\* or coping\*).hw. (3426)

9 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or mindful\*).ti,ab. (4791)

10 (self-control\* or (emotional\* and regulation\*) or self-aware\* or self-efficacy\* or self-regulat\* or self-confiden\* or self-management\* or self-esteem\* or self-concept\* or (emotional\* and intelligence\*) or mindful\*).hw. (3597)

11 ((social or interpersonal or communication or relationship\*) adj2 (skill\* or competence\* or attribute\*)).ti,ab. (1986)

12 ((social\* or interpersonal\* or communication\* or relationship\*) and (skill\* or competence\* or attribute\*)).hw. (4194)

13 (friendship\* or friends).ti,ab. (4088)

14 (friendship\* or friends\*).hw. (899)

15 ((social or peer or peers) adj2 (group\* or network\*)).ti,ab. (3916)

16 ((social\* or peer\* or peers\*) and (group\* or network\*)).hw. (8105)

17 empathy.ti,ab. (798)

18 empathy\*.hw. (728)

19 ("social awareness" or socialisation or socialization or "social interaction\*" or "social inclusion").ti,ab. (3991)

20 ((social\* and awareness\*) or socialisation\* or socialization\* or (social\* and interaction\*) or (social\* and inclusion\*)).hw. (4448)

21 ("personal development" or "youth development").ti,ab. (609)

22 ((personal\* or youth\*) and development\*).hw. (787)

23 ("decision making" or "problem solv\*" or problem-solv\*).ti,ab. (7138)

24 ((decision\* and making\*) or (problem\* and solv\*)).hw. (6653)

25 (bully\* or bullies or anti-bully\* or "anti bully\*" or antibully\* or cyber-bully\* or "cyber bully\*" or cyberbully\* or victimis\* or victimiz\* or stigma or anti-stigma or "anti stigma" or antistigma or prejudice\*).ti,ab. (6228)

26 (bully\* or bullies\* or anti-bully\* or (anti\* and bully\*) or antibully\* or cyber-bully\* or (cyber\* and bully\*) or cyberbully\* or victimis\* or victimiz\* or stigma\* or anti-stigma\* or (anti and stigma\*) or antistigma\* or prejudice\*).hw. (2860)

27 (delinquen\* or anti-social or "anti social" or antisocial or "conduct disorder\*" or "risky behavio\*" or "problem behavio\*" or (behavio\* adj problem\*)).ti,ab. (5767)

28 (delinquen\* or anti-social\* or (anti\* and social) or antisocial\* or (conduct\* and disorder\*) or (risky\* and behavio\*) or (problem\* and behavio\*) or (behavio\* and problem\*)).hw. (7441)

29 (((substance or drug\* or alcohol) adj3 ("use" or abuse or misuse)) and (prevent\* or reduc\*)).ti,ab. (1997)

30 ((substance\* or drug\* or alcohol\*) and ("use\*" or abuse\* or misuse\*) and (prevent\* or reduc\*)).hw. (1004)

31 ((exclu\* or expulsion or expel\* or absent\* or truant\* or truancy or conflict or violent or violence or disengage\*) and school\*).ti,ab. (2733)

32 ((exclu\* or expulsion\* or expel\* or absent\* or truant\* or truancy\* or conflict\* or violent\* or violence\* or disengage\*) and school\*).hw. (2224)

33 ((school\* or academic) adj2 (achieve\* or attain\* or engage\* or progress\* or motivat\* or connectedness or belonging)).ti,ab. (795)

34 ((school\* or academic\*) and (achieve\* or attain\* or engage\* or progress\* or motivat\* or connectedness\* or belonging\*)).hw. (1330)

35 (mental adj2 (health or wellbeing or well-being or "well being" or wellness)).ti,ab. (25415)

36 (mental\* and (health\* or wellbeing\* or well-being\* or (well\* and being\*) or wellness\*)).hw. (29016)

37 ((psychological or "psycho social" or psycho-social or psychosocial) adj2 (wellbeing or "well being" or well-being)).ti,ab. (1034)

38 ((psychological\* or (psycho\* and social\*) or psycho-social\* or psychosocial\*) and (wellbeing\* or (well\* and being\*) or well-being\*)).hw. (100)

39 (anxiety or anxious or depression or depressed or depressive or stress).ti,ab. (16723)
40 (anxiety\* or anxious\* or depression\* or depressed\* or depressive\* or stress\*).hw.
(13757)

41 or/1-40 (114459)

42 ("Aban Aya" or "Academic and Behavioural Competency Program\*" or "Active Citizens in Schools" or ACIS or "Adolescent Decision Making Program\*" or "ALERT plus" or "Alcohol Education Package" or "Alcohol Education Program\*" or "Alcohol Screening and Brief Intervention" or "All Stars" or "Al's Pals" or "Alternatives to Trouble" or "Amazing Alternatives" or "Anti-bullying Program\*" or "Attention Academy" or "Aussie Optimism" or BARR or "BBBS Ireland" or "Be the Best You can Be" or "Beat Bullying" or Beatbullying or "Befriending Intervention" or BeyondBlue or "Big Brothers Big Sisters" or "Bounce Back" or "Boys and Girls Club" or "Breathing Awareness Meditation" or "Building Assets Reducing Risks" or "Building Resiliency and Vocational Excellence" or "Bully Proofing" or Bullyproofing or "Bullying Eliminated from Schools Together").ti,ab,sh. (100)

43 (CAPSLE or CASEL or "Caring School Community" or CharacterPlus or "Child Development Initiative" or "Circle Time" or "Classroom Centred Intervention" or "Classroom Centred Program\*" or "Class-wide Function-based Intervention" or "Climate Schools" or Climb-UP or CMCD or "Coalition for Youth Quality of Life" or "Comer School Development Program\*" or "Communities that Care" or "Community of Caring" or "Competence Support Program\*" or "Competent Kids Caring Communities" or "Conscious Coping" or "Consistency Management and Cooperative Discipline" or "Coping Koala" or "Coping Power" or "Counsellor Peers" or "Creating a Peaceful School Learning Environment" or Cues-ed or CSRP or "Cultivating Awareness and Resilience in Education").ti, ab, sh. (127)

44 ("Early Risers" or "EiE-L" or "Empathic Discipline" or "Empower Youth" or "Engage in Education" or "Expect Respect" or "Expeditionary Learning" or "Facing History and Ourselves" or "Families and Schools Together" or "Family Check-up" or "Family School Partnership" or "Family SEAL" or "Fast Track" or "FearNot\*" or "First Steps to Success" or "Formalised Peer Mentoring" or "Foundations of Learning" or "Fourth R-Skills" or "Fourth Step" or "Friendly Schools" or "FRIENDS program\*" or FSP or "Gang Resistance Education and Training" or Gatehouse or GBG or "Get Wise" or "Girls First" or "Going for Goals" or "Going Places" or "Good Behaviour Game" or "Grades Attendance and Behaviour" or "Guided Self-change" or HASSP or "Head Start" or "healthy active peaceful playgrounds" or "Healthy for Life" or "Healthy Futures" or "Healthy Lifestyles" or "Healthy Minds in Teenagers" or "Healthy Relationships Training Program\*" or "Healthy Schools and Drugs" or "Here's Looking at You" or HighScope or "Home and School Support Program\*" or "How to Thrive" or "I Can Problem Solve" or ICPS or "ICAN Kids" or "Improving Social Awareness" or "Incredible Years" or "Inner Explorer" or InnerKids or "Inspiring Futures" or "Interpersonal Cognitive Problem Solving Skills" or "In:tuition" or "ISA-SPS" or Jigsaw).ti,ab,sh. (873) 45 ("Keepin\* It REAL" or "Kia Kaha" or KiVa or "klar bleiben" or "Knightly Virtues" or "Know Your Body" or "Learning for Life" or "Learning to BREATHE" or "Lessons for Living" or "Lessons in Character" or "Life Skills Program\*" or "Life Skills Training" or Lift or "Linking the Interests of Families and Teachers" or "Lions Quest" or "Living with a Purpose" or "Love in a Big World" or LST or "Master Mind" or "Match Model" or "Michigan Model for Health" or "Middle School Success" or "Midwest\* Prevention Project" or "Millennium Volunteers" or "Million Dollar Machine" or "Mind Up" or MindUP or MindfulKids or "Mindfulness in Schools" or MISP or "Mood Gym" or "My Character" or "My Teaching Partner" or "New Beginnings" or Narconon or OBPP or Olweus or "Open Circle" or "Op Volle Kracht" or "Over to You").ti,ab,sh. (337)

46 (Paths or PATHStoPAX or "Paws B" or "Peace Builders" or "Peace Works" or "Peacemaking Skills for Little Kids" or "Peer Mentoring" or "Peer Acceleration Social Network" or "Penn Resiliency Program\*" or "Personality Risk Factors" or PESSOA or Playworks or Ploughshares or "Positive Action" or "Positive Alternative Learning Support" or "Positive Adolescent Life Skills" or "Positive Youth Development Program\*" or "Preparation through Responsive Education" or "Primary SEAL" or "Prime for Life" or "Proactive Classroom" or Pro-ACT or "Problem Solving Program\*" or Progetto or "Project A.T.T.E.N.D." or "project ALERT" or "project CHARLIE" or "Project Northland" or "Project Pride" or "project SMART" or "Project Based Learning" or "Project STAR" or "Promoting Alternative Thinking Strategies" or "Puppets for Peace" or "Pyramid Project" or "Raising Healthy Children" or RCCP or ReachOut or "Reaching Adolescents for Prevention" or "Reading Apprenticeship" or "Reading, Writing, Respect and Resolution" or "Recognizing, Understanding, Labeling, Expressing and Regulating Emotions" or "Reconnecting Youth" or REDI or "Resilience Program\*" or "Resilient Families" or "Resolving Conflict Creatively" or "Respect Program\*" or "Responsive Classroom" or "Risk Training Skills" or "Rochester Resilience Program\*" or "Resourceful Adolescent Program\*" or "Roots of Empathy" or Rtime or Ruler).ti,ab,sh. (812) 47 ("Safe and Civil Schools" or "Safe Dates" or "SafERteens" or "Say Yes First" or SBIRT or "School-based Resilience Intervention" or "School Health and Alcohol Harm Reduction Project" or "School-wide Positive Behavioural Interventions and Support" or "Second Step" or SS-SSTP or "Secondary SEAL" or "Seattle Social Development Project" or "SEED Scotland" or "Self-determination Program\*" or "Self-management and Resistance Training" or "Service Learning" or "SFP10-14" or SHAHRP or "Siblings are Special" or SIBS or "Skills for Adolescence" or "Skills for Change" or "Skills for Success" or SingUp or "Social Competence Training" or "Social Decision Making" or "Social Norms" or "Social Problem Solving Skills" or "Social Skills Group Intervention\*" or "Social Skills Training" or "South Carolina Program\*" or "Smart Moves" or "S.S.GRIN" or SST or "Steg fur Steg" or STAMPP or "STARS for Families" or "Start Taking Alcohol Risks Seriously" or "Staying Calm" or "Step II" or "Steps towards Alcohol Misuse Prevention" or "Talk about Alcohol" or "Step-by-Step" or "Steps to Respect" or "Stop Breathe Be" or "Strengthening Families Program\*" or "Strengths Gym" or "Stress Inoculation Training" or "Stress Management Intervention" or "Student Success Skills" or "Student Success through Prevention" or "Student Threat Assessment" or "Success for Kids" or SWPBIS or SWPBS or "Teach Team" or "Teen Outreach Program\*" or "Teen Talk" or "Theatre in Education" or "The GOOD life" or "The Incredible Years" or "Think Feel Do" or "Think Well, Do Well" or "Too Good for Violence" or "Tools for Getting Along" or "Tools of the Mind" or "Towards no drug abuse" or "Transition Mentoring" or "Tribes Learning Communities" or "UK Resilience Program\*" or "Unique Minds" or ViSC or "Wise Mind" or Woodrock or YogaKid\* or "Yo Puedo" or "You Can Do It!" or "Youth Development Project" or "Youth Matters" or "Zippy's Friends" or "21st Century Community Learning" or "4Rs").ti,ab,sh. (1402)

48 (PSHE or "personal social health" or PSE or "personal and social education" or SMSC or "spiritual moral social and cultural").ti,ab. (131)

49 (PSHE or (personal\* and social\* and health\*) or PSE or (personal\* and social\* and education\*) or SMSC or (spiritual\* and moral\* and social\* and cultural\*)).hw. (607)

("positive behavio\* intervention\*" or "positive behavio\* support" or PBIS).ti,ab. (87)
((positive\* and behavio\* and intervention\*) or (positive\* and behavio\* and support\*) or PBIS).hw. (2)

52 ("school-wide positive behavio\* support\*" or SWPBS).ti,ab. (1)

- 53 ((school-wide\* and positive\* and behavio\* and support\*) or SWPBS).hw. (0)
- 54 "relationships and sex education".ti,ab. (24)
- 55 (relationships\* and sex\* education\*).hw. (58)
- 56 or/42-55 (4321)
- 57 41 and 56 (2210)
- 58 (mindful\* or meditat\* or yoga).ti,ab. (542)
- 59 (mindful\* or meditat\* or yoga\*).hw. (184)
- 60 "life skills".ti,ab. (297)
- 61 life\* skills\*.hw. (173)
- 62 "motivational interview\*".ti,ab. (204)
- 63 motivational\* interview\*.hw. (147)
- 64 ((brief or opportunist\* or concise or short or direct) adj3 (counsel\* or advice\* or

advise\* or advisor\* or therap\* or support\* or guide\* or guidance\* or intervention\*)).ti,ab. (1613)

65 ((brief\* or opportunist\* or concise\* or short\* or direct\*) and (counsel\* or advice\* or advise\* or advisor\* or therap\* or support\* or guide\* or guidance\* or intervention\*)).hw. (1031)

66 ((behaviour\* or behavior\* or cognitive) adj3 (technique\* or therap\* or chang\* or modify or modifies or modifying or support\* or intervention\* or session\* or program\* or workshop\*)).ti,ab. (4554)

67 ((behaviour\* or behavior\* or cognitive\*) and (technique\* or therap\* or chang\* or modif\* or support\* or intervention\* or session\* or program\* or workshop\*)).hw. (5320)
68 (skills adj1 (train\* or teach\* or educat\* or develop\*)).ti,ab. (1186)

69 (skills\* and (train\* or teach\* or educat\* or develop\*)).hw. (5331)

70 ((peer or pastoral or teacher\*) adj2 (educat\* or support\* or group\* or led)).ti,ab. (1774)

71 ((peer\* or pastoral\* or teacher\*) and (educat\* or support\* or group\* or led\*)).hw. (3905)

72 (prevent\* and (intervention\* or program\*)).ti,ab. (6534)

- 73 (prevent\* and (intervention\* or program\*)).hw. (2362)
- 74 "intervention program\*".ti,ab. (876)
- 75 (intervention\* and program\*).hw. (188)
- 76 "social and emotional learning program\*".ti,ab. (5)
- 77 (social\* and emotional\* and learning\* and program\*).hw. (1)
- 78 "play therap\*".ti,ab. (215)
- 79 (play\* and therap\*).hw. (397)
- 80 ("mental health" adj3 (intervention\* or program\*)).ti,ab. (818)

81 (mental\* and health\* and (intervention\* or program\*)).hw. (2747)

82 ((Wellbeing or "well being" or well-being) adj3 (intervention\* or therap\* or program\*)).ti,ab. (234)

83 ((Wellbeing\* or (well\* and being\*) or well-being\*) and (intervention\* or therap\* or program\*)).hw. (482)

84 ((HIIT or fitness or "physical activity") adj2 (intervention or program\*)).ti,ab. (105)

85 ((HIIT\* or fitness\* or (physical\* and activity\*)) and (intervention\* or program\*)).hw.(27)

86 ((questionnaire\* or survey\* or self-report\* or "self report\*" or assessment\*) adj3 (school\* or class or classroom\* or pupil\* or student\* or teach\*)).ti,ab. (1318)

87 ((questionnaire\* or survey\* or self-report\* or (self\* and report\*) or assessment\*) and (school\* or class\* or classroom\* or pupil\* or student\* or teach\*)).hw. (2883)

88 or/58-87 (33634)

89 (classroom\* or "whole class\*" or whole-class\*).ti,ab. (1412)

90 (classroom\* or (whole\* and class\*) or whole-class\*).hw. (52)

91 ((multi\*-component or multicomponent or "multi\* component" or universal or brief or "group based" or group-based or groupbased or "group work\*" or group-work\* or groupwork\* or "small group\*" or small-group\* or targeted or selected or indicated) and (intervention\* or program\* or project\* or pilot\* or initiative\* or approach\* or activit\* or lesson\* or curricul\*)).ti,ab. (10539)

92 ((multi\*-component\* or multicomponent\* or (multi\* and component\*) or universal\* or brief\* or (group\* and based\*) or group-based\* or groupbased\* or (group\* and work\*) or group-work\* or groupwork\* or (small\* and group\*) or small-group\* or targeted\* or selected\* or indicated\*) and (intervention\* or program\* or project\* or pilot\* or initiative\* or approach\* or activit\* or lesson\* or curricul\*)).hw. (840)

93 ("whole school\*" or whole-school\* or wholeschool\* or "school wide" or school-wide or school-wide or "school based" or school-based or schoolbased).ti,ab. (1034)

94 ((whole\* and school\*) or whole-school\* or wholeschool\* or (school\* and wide\*) or school-wide\* or schoolwide\* or (school\* and based\*) or school-based\* or schoolbased\*).hw. (175)

95 (school\* adj3 (ethos or culture or life or environment or governance or policy or policies or leadership or SLT)).ti,ab. (1245)

96 (school\* and (ethos\* or culture\* or life\* or environment\* or governance\* or policy\* or policies\* or leadership\* or SLT)).hw. (3531)

97 (school\* and (intervention\* or program\*)).ti,ab. (4973)

98 (school\* and (intervention\* or program\*)).hw. (1600)

- 99 or/89-98 (20781)
- 100 88 and 99 (7370)
- 101 41 and 100 (4764)
- 102 57 or 101 (6617)
- 103 limit 102 to yr="2007 -Current" (4131)
- 104 limit 103 to (journal or journal article or online report or report) (2381)

#### 5.1.7.2 1st re-run search

Re-ran the original search strategy (5.1.7.1) with the following additional final lines:

105 ("201909" or "201910" or "201911" or "201912" or "202001" or "202002" or "202003" or "202004" or "202005" or "202006" or "202007" or "202008").up. (33255) 106 104 and 105 (114)

#### 5.1.7.3 2nd re-run search

Re-ran the original search strategy (5.1.7.1) with the following additional final lines:105("202009" or "202010" or "202011" or "202012" or "202101" or "202102" or"202103" or "202104" or "202105" or "202106" or "202107").up.41358106104 and 105482

## 5.1.8 Web of Science

#### 5.1.8.1 Original search

NOTE: After search was run, received additional terms from topic expert. Ran search again with just these named interventions and SEW terms to see if they added anything new. Found 30 results - imported into Endnote with the other set and deduped. Final total for 3183

Set	Results	History
# 25	3,156	(#24) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=2007-2019
# 24	4,176	(#22 and #23) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years

# 23	219,740	((SU=Education & Educational Research)) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years
# 22	20,778	(#16 and #21) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years
# 21	120,327	(#19 and #20) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years
# 20	457,209	((((TI=(Child or children or adolescent or adolescents or adolescence or kid or kids or youth or youths or youngster or minor or minors or underage or under-age or "under age" or "young person" or "young people" or pre- adolescent or preadolescent or pre-adolescents or preadolescents or pre- teen or preteen or teen or teens or teenager or teenagers or juvenile or boy or boys or boyhood or girl or girls or girlhood or schoolchild or schoolchildren or "school age" or school-age or schoolage or K-12)) or (AB=(Child or children or adolescent or adolescents or adolescence or kid or kids or youth or youths or youngster or minor or minors or underage or under-age or "under age" or "young person" or "young people" or pre- adolescent or preadolescent or pre-adolescents or preadolescents or pre- teen or preteen or teen or teens or teenager or teenagers or juvenile or boy or boys or boyhood or girl or girls or girlhood or schoolchild or schoolchildren or "school age" or school-age or schoolage or K-12)))) adolescent or preadolescent or pre-adolescents or pre- adolescent or preadolescent or pre-adolescents or pre- adolescent or preadolescent or schoolescents or pre- teen or preteen or teen or teens or teenager or teenagers or juvenile or boy or boys or boyhood or girl or girls or girlhood or schoolchild or schoolchildren or "school age" or school-age or schoolage or K- 12))))) <i>AND</i> LANGUAGE: (English) <i>AND</i> DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) <i>Indexes=SSCI Timespan=All years</i>
# 19	395,315	(#17 not #18) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years
# 18	443,896	((((TI=(medical or medicine or dental or dentist or doctor or physician or nursing or "teaching hospital" or undergraduate or graduate or postgraduate or doctoral or preschool or pre-school or nursery or "higher education" or university or universities)) or (AB=(medical or medicine or dental or dentist or doctor or physician or nursing or "teaching hospital" or undergraduate or graduate or postgraduate or doctoral or preschool or pre-school or nursery or "higher education" or university or universities))))) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years

# 17 535,041 ((((TI=(school or schools or pupil or pupils or student or students or teacher or teachers or curriculum or curricula or lesson or lessons or learner or

learners or learning or syllabus or ((city or technical) and (academy or academies or college or colleges)) or sixth-form or "sixth form" or "6th form" or "lower six" or "upper six" or "lower sixth" or "upper sixth" or "post 16" or post-16 or "further education" or "secure childrens home" or "secure childrens homes" or "young offender institution" or "young offenders institution" or "young offender institutions" or "young offenders institutions" or "secure training centre" or "secure training center" or "secure training centres" or "secure training centers" or "secure school" or "secure schools" or "year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade" or "second grade" or "2nd grade" or "third grade" or "3rd grade" or "fourth grade" or "4th grade" or "fifth grade" or "5th grade" or "sixth grade" or "6th grade" or "seventh grade" or "7th grade" or "eighth grade" or "8th grade" or "ninth grade" or "9th grade" or "tenth grade" or "10th grade" or "eleventh grade" or "11th grade" or "twelfth grade" or "12th grade")) or (AB=(school or schools or pupil or pupils or student or students or teacher or teachers or curriculum or curricula or lesson or lessons or learner or learners or learning or syllabus or ((city or technical) and (academy or academies or college or colleges)) or sixth-form or "sixth form" or "6th form" or "lower six" or "upper six" or "lower sixth" or "upper sixth" or "post 16" or post-16 or "further education" or "secure childrens home" or "secure childrens homes" or "young offender institution" or "young offenders institution" or "young offender institutions" or "young offenders institutions" or "secure training centre" or "secure training center" or "secure training centres" or "secure training centers" or "secure school" or "secure schools" or "year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade" or "second grade" or "2nd grade" or "third grade" or "3rd grade" or "fourth grade" or "4th grade" or "fifth grade" or "5th grade" or "sixth grade" or

"6th grade" or "seventh grade" or "7th grade" or "eighth grade" or "8th grade" or "ninth grade" or "9th grade" or "tenth grade" or "10th grade" or "eleventh grade" or "11th grade" or "twelfth grade" or "12th grade"))))) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years

# 16 74,279 (#9 or #15) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years

- # 15 62,525 (#5 and #14) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years
- # 14 113,756 (#12 and #13) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years
- # 13 253,324 ((((TI=(classroom or classrooms or "whole class" or whole-class or ((multicomponent or multicomponent or "multi component" or multiplecomponent or "multiple component" or universal or brief or "group based" or group-based or groupbased or "group work" or group-work or groupwork or "small group" or small-group or targeted or selected or indicated) and (intervention or interventions or program or programs or programme or programmes or project or pilot or initiative or approach or approaches or activity or activities or lesson or lessons or curriculum or curricula)) or "whole school" or whole-school or wholeschool or "school wide" or school-wide or schoolwide or "school based" or school-based or schoolbased or ((school or schools) and (ethos or culture or life or environment or governance or policy or policies or leadership or SLT)) OR ((school or schools) and (intervention or interventions or program or programs or programme or programmes)))) or (AB=(classroom or classrooms or "whole class" or whole-class or ((multi-component or multicomponent or "multi component" or multiple-component or "multiple component" or universal or brief or "group based" or group-based or groupbased or "group work" or group-work or groupwork or "small group" or small-group or targeted or selected or indicated) and (intervention or interventions or program or programs or programme or programmes or project or pilot or initiative or approach or approaches or activity or activities or lesson or lessons or curriculum or curricula)) or "whole school" or whole-school or wholeschool or "school wide" or school-wide or schoolwide or "school based" or school-based or schoolbased or ((school or schools) and (ethos or culture or life or environment or governance or policy or policies or leadership or SLT)) OR ((school or schools) and (intervention or interventions or program or programs or programme or programmes)))))) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years

#### # 12 401,034 (#10 or #11) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years

# 11 189,520 ((((TI=(("mental health" and (intervention or interventions or program or programs or programme or programmes)) or ((wellbeing or "well being" or well-being) and (intervention or interventions or therapy or therapies or therapist or program or programs or programme or programmes)) or ((HIIT or fitness or "physical activity") and (intervention or interventions or program or programs or programme or programmes)) or ((questionnaire or questionnaires or survey or surveys or self-report or self-reported or "self report" or "self reported" or assessment or assessments) and (school or schools or class or classroom or pupil or pupils or student or students or teach or teaching or teacher or teachers)))) or (AB=(("mental health" and (intervention or interventions or program or programs or programme or programmes)) or ((wellbeing or "well being" or well-being) and (intervention or interventions or therapy or therapies or therapist or program or programs or programme or programmes)) or ((HIIT or fitness or "physical activity") and (intervention or interventions or program or programs or programme or programmes)) or ((questionnaire or questionnaires or survey or surveys or self-report or self-reported or "self report" or "self reported" or assessment or assessments) and (school or schools or class or classroom or pupil or pupils or student or students or teach or teaching or teacher or teachers)))))) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years

# 10 263,579 ((((TI=(mindful or mindfulness OR meditate or meditation or yoga OR "life skills" OR "motivational interview" or "motivational interviewing" or ((brief or opportunist or opportunistic or concise or short or direct) and (counsel or counseling or counselling or advice or advise or advisor or therapy or therapies or therapist or support or guide or guidance or intervention or interventions)) or (skills and (train or training or trainer or teach or teaching or teacher or educate or education or develop or development)) or ((peer or peers or pastoral or teacher or teachers) and (educate or education or support or group or groups or led)) or ((prevent or prevention) and (intervention or interventions or program or programs or programme or programmes)) or "intervention program" or "intervention programs" or "intervention programme" or "intervention programmes" or "social and emotional learning program" or "social and emotional learning programs" or "social and emotional learning programme" or "social and emotional learning programmes" or "social and emotional learning programs" or "play therapy")) or (AB=(mindful or mindfulness OR meditate or meditation or yoga OR "life skills" OR "motivational interview" or "motivational interviewing" or ((brief or opportunist or opportunistic or concise or short or direct) and (counsel or counseling or counselling or advice or advise or advisor or therapy or therapies or therapist or support or guide or guidance or intervention or interventions)) or (skills and (train or training or trainer

or teach or teaching or teacher or educate or education or develop or development)) or ((peer or peers or pastoral or teacher or teachers) and (educate or education or support or group or groups or led)) or ((prevent or prevention) and (intervention or interventions or program or programs or programme or programmes)) or "intervention program" or "intervention programs" or "intervention programme" or "intervention programmes" or "social and emotional learning program" or "social and emotional learning programs" or "social and emotional learning programme" or "social and emotional learning programmes" or "social and emotional learning programs" or "play therapy")))) *AND* LANGUAGE: (English) *AND* DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) *Indexes=SSCI Timespan=All years* 

- # 9 14,547 (#5 and #8) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years
- # 8 38,825 (#6 or #7) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years
- #7 32,445 ((((AB=("Aban Aya" or "Academic and Behavioural Competency Program" or "Active Citizens in Schools" or ACIS or "Adolescent Decision Making Program" or "ALERT plus" or "Alcohol Education Package" or "Alcohol Education Program" or "Alcohol Screening and Brief Intervention" or "All Stars" or "Al's Pals" or "Alternatives to Trouble" or "Amazing Alternatives" or "Anti-bullying Program" or "Attention Academy" or "Aussie Optimism" or BARR or "BBBS Ireland" or "Be the Best You can Be" or "Beat Bullying" or Beatbullying or "Befriending Intervention" or BeyondBlue or "Big Brothers Big Sisters" or "Bounce Back" or "Boys and Girls Club" or "Breathing Awareness Meditation" or "Building Assets Reducing Risks" or "Building Resiliency and Vocational Excellence" or "Bully Proofing" or Bullyproofing or "Bullying Eliminated from Schools Together" or CAPSLE or "Caring School Community" or CharacterPlus or "Child Development Initiative" or "Circle Time" or "Classroom Centred Intervention" or "Classroom Centred Program" or "Class-wide Function-based Intervention" or "Climate Schools" or Climb-UP or CMCD or "Coalition for Youth Quality of Life" or "Comer School Development Program" or "Communities that Care" or "Community of Caring" or "Competence Support Program" or "Competent Kids Caring" Communities" or "Conscious Coping" or "Consistency Management and Cooperative Discipline" or "Coping Koala" or "Coping Power" or "Counsellor Peers" or "Creating a Peaceful School Learning Environment" or Cues-ed or CSRP or "Cultivating Awareness and Resilience in Education" or "Early Risers" or "EiE-L" or "Empathic Discipline" or "Empower Youth" or "Engage in Education" or "Expect Respect" or "Expeditionary Learning" or "Facing History and Ourselves" or "Families and Schools Together" or "Family Check-up" or "Family School Partnership" or "Family SEAL" or "Fast Track" or "FearNot" or "First Steps to Success" or "Formalised Peer Mentoring" or

"Foundations of Learning" or "Fourth R-Skills" or "Fourth Step" or "Friendly Schools" or "FRIENDS program" or FSP or "Gang Resistance Education and Training" or Gatehouse or GBG or "Get Wise" or "Girls First" or "Going for Goals" or "Going Places" or "Good Behaviour Game" or "Grades Attendance and Behaviour" or "Guided Self-change" or HASSP or "Head Start" or "Healthy for Life" or "Healthy Futures" or "Healthy Lifestyles" or "Healthy Minds in Teenagers" or "Healthy Relationships Training Program" or "Healthy Schools and Drugs" or "Here's Looking at You" or HighScope or "Home and School Support Program" or "How to Thrive" or "I Can Problem Solve" or "ICAN Kids" or "Improving Social Awareness" or "Incredible Years" or "Inner Explorer" or InnerKids or "Interpersonal Cognitive Problem Solving Skills" or "In:tuition" or "ISA-SPS" or Jigsaw or "Keepin It REAL" or "Kia Kaha" or KiVa or "Knightly Virtues" or "Know Your Body" or "Learning for Life" or "Learning to BREATHE" or "Lessons for Living" or "Lessons in Character" or "Life Skills Program" or "Life Skills Training" or "Linking the Interests of Families and Teachers" or "Lions Quest" or "Living with a Purpose" or "Love in a Big World" or LST or "Master Mind" or "Match Model" or "Michigan Model for Health" or "Middle School Success" or "Midwest Prevention Project" or "Millennium Volunteers" or "Million Dollar Machine" or "Mind Up" or MindUP or MindfulKids or "Mindfulness in Schools" or MISP or "Mood Gym" or "My Character" or "My Teaching Partner" or "New Beginnings" or Narconon or OBPP or Olweus or "Open Circle" or "Op Volle Kracht" or "Over to You" or Paths or "Paws B" or "Peace Builders" or "Peace Works" or "Peacemaking Skills for Little Kids" or "Peer Mentoring" or "Peer Acceleration Social Network" or "Penn Resiliency Program" or "Personality Risk Factors" or Ploughshares or "Positive Action" or "Positive Alternative Learning Support" or "Positive Adolescent Life Skills" or "Positive Youth Development Program" or "Preparation through Responsive Education" or "Primary SEAL" or "Prime for Life" or "Proactive Classroom" or Pro-ACT or "Problem Solving Program" or Progetto or "Project A.T.T.E.N.D." or "project ALERT" or "project CHARLIE" or "Project Northland" or "Project Pride" or "project SMART" or "Project Based Learning" or "Project STAR" or "Promoting Alternative Thinking Strategies" or "Puppets for Peace" or "Pyramid Project" or "Raising Healthy Children" or RCCP or ReachOut or "Reaching Adolescents for Prevention" or "Reading Apprenticeship" or "Reading, Writing, Respect and Resolution" or "Recognizing, Understanding, Labeling, Expressing and Regulating Emotions" or "Reconnecting Youth" or REDI or "Resilience Program" or "Resilient Families" or "Resolving Conflict Creatively" or "Respect Program" or "Responsive Classroom" or "Risk Training Skills" or "Rochester Resilience Program" or "Resourceful Adolescent Program" or "Roots of Empathy" or Rtime or "Safe and Civil Schools" or "Safe Dates" or "SafERteens" or "Say Yes First" or "School-based Resilience Intervention" or "School Health and Alcohol Harm Reduction Project" or "Second Step" or SS-SSTP or "Secondary SEAL" or "Seattle Social Development Project" or "SEED Scotland" or "Self-determination Program" or "Self-management and Resistance Training" or "Service Learning" or "SFP10-14" or SHAHRP or "Siblings are Special" or SIBS or "Skills for Adolescence" or "Skills for Change" or "Skills for Success" or SingUp or "Social Competence Training" or "Social Decision Making" or "Social Norms" or "Social Problem Solving Skills" or "Social Skills Group Intervention" or "Social Skills Training" or

"South Carolina Program" or "Smart Moves" or "S.S.GRIN" or SST or STAMPP or "STARS for Families" or "Start Taking Alcohol Risks Seriously" or "Staying Calm" or "Step II" or "Steps towards Alcohol Misuse Prevention" or "Talk about Alcohol" or "Step-by-Step" or "Steps to Respect" or "Stop Breathe Be" or "Strengthening Families Program" or "Strengths Gym" or "Stress Inoculation Training" or "Stress Management Intervention" or "Student Success Skills" or "Student Success through Prevention" or "Student Threat Assessment" or "Success for Kids or SWPBIS" or SWPBS or "Teach Team" or "Teen Outreach Program" or "Teen Talk" or "Theatre in Education" or "The Incredible Years" or "Think Feel Do" or "Think Well, Do Well" or "Too Good for Violence" or "Tools for Getting Along" or "Tools of the Mind" or "Transition Mentoring" or "Tribes Learning Communities" or "UK Resilience Program" or "Unique Minds" or ViSC or "Wise Mind" or Woodrock or YogaKids or "Yo Puedo" or "You Can Do It" or "Youth Development Project" or "Youth Matters" or "Zippy's Friends" or "21st Century Community Learning" or "4Rs" or PSHE or "personal social health" or PSE or "personal and social education" or SMSC or "spiritual moral social and cultural" or "positive behaviour intervention" or "positive behaviour support" or PBIS or "school-wide positive behaviour support" or SWPBS or "relationships and sex

education")))) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years

((((TI=("Aban Aya" or "Academic and Behavioural Competency Program" or #6 11,501 "Active Citizens in Schools" or ACIS or "Adolescent Decision Making Program" or "ALERT plus" or "Alcohol Education Package" or "Alcohol Education Program" or "Alcohol Screening and Brief Intervention" or "All Stars" or "Al's Pals" or "Alternatives to Trouble" or "Amazing Alternatives" or "Anti-bullying Program" or "Attention Academy" or "Aussie Optimism" or BARR or "BBBS Ireland" or "Be the Best You can Be" or "Beat Bullying" or Beatbullying or "Befriending Intervention" or BeyondBlue or "Big Brothers Big Sisters" or "Bounce Back" or "Boys and Girls Club" or "Breathing Awareness Meditation" or "Building Assets Reducing Risks" or "Building Resiliency and Vocational Excellence" or "Bully Proofing" or Bullyproofing or "Bullying Eliminated from Schools Together" or CAPSLE or "Caring School Community" or CharacterPlus or "Child Development Initiative" or "Circle Time" or "Classroom Centred Intervention" or "Classroom Centred Program" or "Class-wide Function-based Intervention" or "Climate Schools" or Climb-UP or CMCD or "Coalition for Youth Quality of Life" or "Comer School Development Program" or "Communities that Care" or "Community of Caring" or "Competence Support Program" or "Competent Kids Caring Communities" or "Conscious Coping" or "Consistency Management and Cooperative Discipline" or "Coping Koala" or "Coping Power" or "Counsellor Peers" or "Creating a Peaceful School Learning Environment" or Cues-ed or CSRP or "Cultivating Awareness and Resilience in Education" or "Early Risers" or "EiE-L" or "Empathic Discipline" or "Empower Youth" or "Engage in Education" or "Expect Respect" or "Expeditionary Learning" or "Facing History and Ourselves" or "Families and Schools Together" or "Family Check-up" or "Family School Partnership" or "Family SEAL" or "Fast Track" or "FearNot" or "First Steps to Success" or "Formalised Peer Mentoring" or

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education")))) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years

- # 5 870,353 (#1 or #2 or #3 or #4) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years
- # 4 365,458 (((((TI=("mental health" or "mental wellbeing" or "mental well-being" or "mental well being" or "mental wellness" or ((psychological or "psycho social" or psycho-social or psychosocial) and (wellbeing or "well being" or well-being)) or anxiety or anxious or depression or depressed or depressive or stress)) or (AB=("mental health" or "mental wellbeing" or "mental wellbeing" or "mental well being" or stress)) or anxiety or anxious or depression or depressed or depressive or stress)))) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years
- # 3 139,519 ((((TI=(bully or bullies or bullying or anti-bully or anti-bully or anti bully" or "anti bullying" or antibully or antibullying or cyber-bully or cyber-bullies or cyber-bullying or "cyber bully" or "cyber bullies" or "cyber bullying" or cyber-bully or cyber-bullies or cyber-bully or cyber-bullies or cyber-bullying or victimise or victimisation or victimize or victimization or stigma or anti-stigma or "anti stigma" or antistigma or prejudice or delinquent or delinquents or delinquency or delinquencies or anti-social or "risky behaviour" or "risky behavior" or "problem behaviour" or "problem

behavior" or "risky behaviours" or "risky behaviors" or "problem behaviours" or "problem behaviors" or "behavioural problems" or ((substance or drug or drugs or alcohol) and ("use" or abuse or misuse ) and (prevent or prevention or prevents or reduce or reduction or reduces)) or ((exclude or excluded or expulsion or expel or expelled or absent or absentee or absenteeism or truant or truants or truancy or conflict or violence or violent or disengage or disengaged) and (school or schools)) or ((school or schools or academic) and (achieve or achievement or attain or attainment or engage or engagement or progress or progression or motivate or motivation or connectedness or belonging)))) or (AB=(bully or bullies or bullying or anti-bully or anti-bullying or "anti bully" or "anti bullying" or antibully or antibullying or cyber-bully or cyber-bullies or cyberbullying or "cyber bully" or "cyber bullies" or "cyber bullying" or cyber-bully or cyber-bullies or cyber-bullying or cyberbully or cyberbullies or cyberbullying or victimise or victimisation or victimize or victimization or stigma or anti-stigma or "anti stigma" or antistigma or prejudice or delinquent or delinquents or delinquency or delinquencies or anti-social or "anti social" or antisocial or "conduct disorder" or "conduct disorders" or "risky behaviour" or "risky behavior" or "problem behaviour" or "problem behavior" or "risky behaviours" or "risky behaviors" or "problem behaviours" or "problem behaviors" or "behavioural problems" or ((substance or drug or drugs or alcohol) and ("use" or abuse or misuse ) and (prevent or prevention or prevents or reduce or reduction or reduces)) or ((exclude or excluded or expulsion or expel or expelled or absent or absentee or absenteeism or truant or truants or truancy or conflict or violence or violent or disengage or disengaged) and (school or schools)) or ((school or schools or academic) and (achieve or achievement or attain or attainment or engage or engagement or progress or progression or motivate or motivation or connectedness or belonging)))))) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years

#2 431,457 ((((TI=(self-control or self-controlled or "emotional regulation" or selfaware or self-awareness or self-efficacy or self-regulation or self-confident or self-confidence or self-management or self-esteem or self-concept or "emotional intelligence" or mindful or mindfulness or ((social or interpersonal or communication or relationship or relationships) and (skill or skills or competence or competent or competencies or attribute or attributes)) or friendship or friends or ((social or peer or peers) and (group or groups or network or networks)) or empathy or "social awareness" or socialisation or socialization or "social interaction" or "social interactions" or "social inclusion" or "personal development" or "youth development" or "decision making" or "problem solving" or problem-solving)) or (AB=(selfcontrol or self-controlled or "emotional regulation" or self-aware or selfawareness or self-efficacy or self-regulation or self-confident or selfconfidence or self-management or self-esteem or self-concept or "emotional intelligence" or mindful or mindfulness or ((social or interpersonal or communication or relationship or relationships) and (skill or skills or competence or competent or competencies or attribute or attributes)) or friendship or friends or ((social or peer or peers) and (group

or groups or network or networks)) or empathy or "social awareness" or socialisation or socialization or "social interaction" or "social interactions" or "social inclusion" or "personal development" or "youth development" or "decision making" or "problem solving" or problemsolving))))) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years

#1 152,347 ((((TI=(((social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) and (wellbeing or well-being or wellness or learn or learner or learners or learning or competence or competent or competencies or skills)) or ((SEL or SEAL or SEBS or EWB or EMHWB) and (school or schools or class or classroom or curriculum or curricula or intervention or interventions or program or programme or programs or programmes)) or "social learner" or "social learning" or resilience or resilient or coping)) or (AB=(((social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) and (wellbeing or wellbeing or wellness or learn or learner or learners or learning or competence or competent or competencies or skills)) or ((SEL or SEAL or SEBS or EWB or EMHWB) and (school or schools or class or classroom or curriculum or curricula or intervention or interventions or program or programme or programs or programmes)) or "social learner" or "social learning" or resilience or resilient or coping)))) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years

#### 5.1.8.2 1st re-run search

Re-ran the original search strategy (5.1.8.1) with an amended date limit on the final line:

# 25 948 (#24) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=2019-2020

#### 5.1.8.3 2nd re-run search

Re-ran the original search strategy (5.1.8.1) with an amended date limit on the final line:

# 25 543 (#24) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan= from 01/09/2020

# 5.1.9 CDSR

## 5.1.9.1 Original search

#1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) and (wellbeing or well-being or wellness or learn\* or competenc\* or skills)):ti,ab

#2 ((SEL or SEAL or SEBS or EWB or EMHWB) and (school\* or class\* or curricul\* or intervention\* or program\*)):ti,ab

#3 ("social learner\*" or "social learning"):ti,ab

#4 (resilien\* or coping):ti,ab

#5 [mh ^"adaptation, psychological"] or [mh ^"resilience, psychological"]

#6 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or mindful\*):ti,ab

#7 MeSH descriptor: [Emotional Intelligence] this term only

#8 MeSH descriptor: [Self Concept] explode all trees

#9 [mh ^"emotional adjustment"] or [mh ^"social adjustment"]

#10 ((social or interpersonal or communication or relationship\*) NEAR/2 (skill\* or competence\* or attribute\*)):ti,ab

#11 (friendship\* or friends):ti,ab

#12 ((social or peer or peers) NEAR/2 (group\* or network\*)):ti,ab

#13 empathy:ti,ab

#14 ("social awareness" or socialisation or socialization or "social interaction\*" or "social inclusion"):ti,ab

#15 [mh ^"social skills"] or [mh ^"social behavior"] or [mh ^"social values"]

#16 ("personal development" or "youth development"):ti,ab

#17 ("decision making" or "problem solv\*" or problem-solv\*):ti,ab

#18 [mh ^"decision making"]

#19 [mh ^"problem solving"]

#20 (bully\* or bullies or anti-bully\* or "anti bully\*" or antibully\* or cyber-bully\* or "cyber bully\*" or cyberbully\* or victimis\* or victimiz\* or stigma or anti-stigma or "anti stigma" or antistigma or prejudice\*):ti,ab

#21 (delinquen\* or anti-social or "anti social" or antisocial or "conduct disorder\*" or "risky behavio\*" or "problem behavio\*" or (behavio\* NEAR/1 problem\*)):ti,ab

#22 (((substance or drug\* or alcohol) NEAR/3 ("use" or abuse or misuse)) and (prevent\* or reduc\*)):ti,ab

#23 ((exclu\* or expulsion or expel\* or absent\* or truant\* or truancy or conflict or violent or violence or disengage\*) and school\*):ti,ab

#24 [mh ^bullying] or [mh ^cyberbullying] or [mh ^"problem behavior"]

#25 ((school\* or academic) NEAR/2 (achieve\* or attain\* or engage\* or progress\* or motivat\* or connectedness or belonging)):ti,ab

#26 [mh ^"mental health"]

#27 (mental NEAR/2 (health or wellbeing or well-being or "well being" or wellness)):ti,ab

#28 ((psychological or "psycho social" or psycho-social or psychosocial) NEAR/2 (wellbeing or "well being" or well-being)):ti,ab

#29 (anxiety or anxious or depression or depressed or depressive or stress):ti,ab#30 {or #1-#29}

#31 ("Aban Aya" or "Academic and Behavioural Competency Program\*" or "Active Citizens in Schools" or ACIS or "Adolescent Decision Making Program\*" or "ALERT plus" or "Alcohol Education Package" or "Alcohol Education Program\*" or "Alcohol Screening and Brief Intervention" or "All Stars" or "Al's Pals" or "Alternatives to Trouble" or "Amazing Alternatives" or "Anti-bullying Program\*" or "Attention Academy" or "Aussie Optimism" or BARR or "BBBS Ireland" or "Be the Best You can Be" or "Beat Bullying" or Beatbullying or "Befriending Intervention" or BeyondBlue or "Big Brothers Big Sisters" or "Bounce Back" or "Boys and Girls Club" or "Breathing Awareness Meditation" or "Building Assets Reducing Risks" or "Building Resiliency and Vocational Excellence" or "Bully Proofing" or Bullyproofing or "Bullying Eliminated from Schools Together"):ti,ab

#32 (CAPSLE or CASEL or "Caring School Community" or CharacterPlus or "Child Development Initiative" or "Circle Time" or "Classroom Centred Intervention" or "Classroom Centred Program\*" or "Class-wide Function-based Intervention" or "Climate Schools" or Climb-UP or CMCD or "Coalition for Youth Quality of Life" or "Comer School Development Program\*" or "Communities that Care" or "Community of Caring" or "Competence Support Program\*" or "Competent Kids Caring Communities" or "Conscious Coping" or "Consistency Management and Cooperative Discipline" or "Coping Koala" or "Coping Power" or "Counsellor Peers" or "Creating a Peaceful School Learning Environment" or Cues-ed or CSRP or "Cultivating Awareness and Resilience in Education"):ti,ab

#33 ("Early Risers" or "EiE-L" or "Empathic Discipline" or "Empower Youth" or "Engage in Education" or "Expect Respect" or "Expeditionary Learning" or "Facing History and Ourselves" or "Families and Schools Together" or "Family Check-up" or "Family School Partnership" or "Family SEAL" or "Fast Track" or "FearNot\*" or "First Steps to Success" or "Formalised Peer Mentoring" or "Foundations of Learning" or "Fourth R-Skills" or "Fourth Step" or "Friendly Schools" or "FRIENDS program\*" or FSP or "Gang Resistance Education and Training" or Gatehouse or GBG or "Get Wise" or "Girls First" or "Going for Goals" or "Going Places" or "Good Behaviour Game" or "Grades Attendance and Behaviour" or "Guided Self-change" or HASSP or "Head Start" or "healthy active peaceful playgrounds" or "Healthy for Life" or "Healthy Futures" or "Healthy Lifestyles" or "Healthy Minds in Teenagers" or "Healthy Relationships Training Program\*" or "Healthy Schools and Drugs" or "Here's Looking at You" or HighScope or "Home and School Support Program\*" or "How to Thrive" or "I Can Problem Solve" or ICPS or "ICAN Kids" or "Improving Social Awareness" or "Incredible Years" or "Inner Explorer" or InnerKids or "Inspiring Futures" or "Interpersonal Cognitive Problem Solving Skills" or "In:tuition" or "ISA-SPS" or Jigsaw):ti,ab

#34 ("Keepin\* It REAL" or "Kia Kaha" or KiVa or "klar bleiben" or "Knightly Virtues" or "Know Your Body" or "Learning for Life" or "Learning to BREATHE" or "Lessons for Living" or "Lessons in Character" or "Life Skills Program\*" or "Life Skills Training" or Lift or "Linking the Interests of Families and Teachers" or "Lions Quest" or "Living with a Purpose" or "Love in a Big World" or LST or "Master Mind" or "Match Model" or "Michigan Model for Health" or "Middle School Success" or "Midwest\* Prevention Project" or "Millennium Volunteers" or "Million Dollar Machine" or "Mind Up" or MindUP or MindfulKids or "Mindfulness in Schools" or MISP or "Mood Gym" or "My Character" or "My Teaching Partner" or "New Beginnings" or Narconon or OBPP or Olweus or "Open Circle" or "Op Volle Kracht" or "Over to You"):ti,ab

#35 (Paths or PATHStoPAX or "Paws B" or "Peace Builders" or "Peace Works" or "Peacemaking Skills for Little Kids" or "Peer Mentoring" or "Peer Acceleration Social Network" or "Penn Resiliency Program\*" or "Personality Risk Factors" or PESSOA or Playworks or Ploughshares or "Positive Action" or "Positive Alternative Learning Support" or "Positive Adolescent Life Skills" or "Positive Youth Development Program\*" or "Preparation through Responsive Education" or "Primary SEAL" or "Prime for Life" or "Proactive Classroom" or Pro-ACT or "Problem Solving Program\*" or Progetto or "Project A.T.T.E.N.D." or "project ALERT" or "project CHARLIE" or "Project Northland" or "Project Pride" or "project SMART" or "Project Based Learning" or "Project STAR" or "Promoting Alternative Thinking Strategies" or "Puppets for Peace" or "Pyramid Project" or "Reading Apprenticeship" or "Reading, Writing, Respect and Resolution" or "Recognizing, Understanding, Labeling, Expressing and Regulating Emotions" or "Reconnecting Youth" or REDI or "Resilience Program\*" or "Resilient Families" or "Resolving Conflict Creatively" or "Respect Program\*" or "Responsive Classroom" or "Risk Training Skills" or "Rochester Resilience Program\*" or "Resourceful Adolescent Program\*" or "Roots of Empathy" or Rtime or Ruler):ti,ab ("Safe and Civil Schools" or "Safe Dates" or "SafERteens" or "Say Yes First" or SBIRT #36 or "School-based Resilience Intervention" or "School Health and Alcohol Harm Reduction Project" or "School-wide Positive Behavioural Interventions and Support" or "Second Step" or SS-SSTP or "Secondary SEAL" or "Seattle Social Development Project" or "SEED Scotland" or "Self-determination Program\*" or "Self-management and Resistance Training" or "Service Learning" or "SFP10-14" or SHAHRP or "Siblings are Special" or SIBS or "Skills for Adolescence" or "Skills for Change" or "Skills for Success" or SingUp or "Social Competence Training" or "Social Decision Making" or "Social Norms" or "Social Problem Solving Skills" or "Social Skills Group Intervention\*" or "Social Skills Training" or "South Carolina Program\*" or "Smart Moves" or "S.S.GRIN" or SST or "Steg fur Steg" or STAMPP or "STARS for Families" or "Start Taking Alcohol Risks Seriously" or "Staying Calm" or "Step II" or "Steps towards Alcohol Misuse Prevention" or "Talk about Alcohol" or "Step-by-Step" or "Steps to Respect" or "Stop Breathe Be" or "Strengthening Families Program\*" or "Strengths Gym" or "Stress Inoculation Training" or "Stress Management Intervention" or "Student Success Skills" or "Student Success through Prevention" or "Student Threat Assessment" or "Success for Kids" or SWPBIS or SWPBS or "Teach Team" or "Teen Outreach Program\*" or "Teen Talk" or "Theatre in Education" or "The GOOD life" or "The Incredible Years" or "Think Feel Do" or "Think Well, Do Well" or "Too Good for Violence" or "Tools for Getting Along" or "Tools of the Mind" or "Towards no drug abuse" or "Transition Mentoring" or "Tribes Learning Communities" or "UK Resilience Program\*" or "Unique Minds" or ViSC or "Wise Mind" or Woodrock or YogaKid\* or "Yo Puedo" or "You Can Do It!" or "Youth Development Project" or "Youth Matters" or "Zippy's Friends" or "21st Century Community Learning" or "4Rs"):ti,ab (PSHE or "personal social health" or PSE or "personal and social education" or SMSC #37

or "spiritual moral social and cultural"):ti,ab

#38 ("positive behavio\* intervention\*" or "positive behavio\* support" or PBIS):ti,ab

#39 ("school-wide positive behavio\* support\*" or SWPBS):ti,ab

#40 "relationships and sex education":ti,ab

- #41 {or #31-#40}
- #42 #30 and #41

#43 (mindful\* or meditat\* or yoga):ti,ab

#44 [mh ^mindfulness] or [mh ^meditation] or [mh ^yoga]

#45 "life skills":ti,ab

#46 "motivational interview\*":ti,ab

#47 [mh ^"motivational interviewing"]

#48 ((brief or opportunist\* or concise or short or direct) NEAR/3 (counsel\* or advice\* or advise\* or advisor\* or therap\* or support\* or guide\* or guidance\* or intervention\*)):ti,ab
#49 ((behaviour\* or behavior\* or cognitive) NEAR/3 (technique\* or therap\* or chang\* or modify or modifies or modifying or support\* or intervention\* or session\* or program\* or

workshop\*)):ti,ab

#50 [mh ^counseling] or [mh ^"directive counseling"] or [mh ^"child guidance"] or [mh ^"psychology, adolescent"]

#51 [mh ^"behavior therapy"] or [mh ^"cognitive behavioral therapy"]

- #52 (skills NEAR/1 (train\* or teach\* or educat\* or develop\*)):ti,ab
- #53 ((peer or pastoral or teacher\*) NEAR/2 (educat\* or support\* or group\* or led)):ti,ab
- #54 (prevent\* and (intervention\* or program\*)):ti,ab
- #55 "intervention program\*":ti,ab
- #56 "social and emotional learning program\*":ti,ab

#57 "play therap\*":ti,ab

#58 ("mental health" NEAR/3 (intervention\* or program\*)):ti,ab

#59 ((Wellbeing or "well being" or well-being) NEAR/3 (intervention\* or therap\* or program\*)).ti,ab

#60 ((HIIT or fitness or "physical activity") NEAR/2 (intervention or program\*)):ti,ab
#61 ((questionnaire\* or survey\* or self-report\* or "self report\*" or assessment\*) NEAR/3 (school\* or class or classroom\* or pupil\* or student\* or teach\*)):ti,ab

#62 {or #43-#61}

#63 (classroom\* or "whole class\*" or whole-class\*):ti,ab

#64 ((multi\*component or multicomponent or "multi\* component" or universal or brief or "group based" or group-based or groupbased or "group work\*" or group-work\* or groupwork\* or "small group\*" or small-group\* or targeted or selected or indicated) and (intervention\* or program\* or project\* or pilot\* or initiative\* or approach\* or activit\* or lesson\* or curricul\*)):ti,ab

#65 ("whole school\*" or whole-school\* or wholeschool\* or "school wide" or school-wide or school based" or school-based or schoolbased):ti,ab

#66 (school\* NEAR/3 (ethos or culture or life or environment or governance or policy or policies or leadership or SLT)).ti,ab

#67 (school\* and (intervention\* or program\*)).ti,ab

#68 {or #63-#67}

#69 #62 and #68

#70 #30 and #69

#71 (school\* or pupil\* or student\* or teach\* or curricul\* or lesson\* or learner\* or learning or syllabus):ti,ab

#72 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education"):ti,ab

#73 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*"):ti,ab

#74 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*"):ti,ab [mh ^curriculum] or [mh ^schools] or [mh ^teaching] or [mh ^"school health #75 services"] or [mh ^"school nursing"] or [mh ^"school teachers"]

#76 {or #71-#75}

#77 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or
"teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities):ti,ab
#78 #76 not #77

#79 [mh child] or [mh "child behavior"] or [mh ^"child health"] or [mh ^"child welfare"] or [mh ^"child development"]

#80 [mh ^"adolescent behavior"] or [mh ^adolescent] or [mh ^"adolescent health"] or [mh ^"adolescent development"]

#81 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preadolescen\* or preadolescen\* or pre-teen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or "school age\*" or school-age\* or schoolage\* or K-12):ti,ab

#82 {or #79-#81}

#83 #78 and #82

#84 #42 or #70

#85 #83 and #84

#86 #85 with Cochrane Library publication date Between Jan 2007 and Oct 2019, in Cochrane Reviews

## 5.1.9.2 1st re-run search

Re-ran the original search strategy (5.1.9.1) with an amended date limit on the final line:

#86 #85 with Cochrane Library publication date Between Sept 2019 and Aug 2020, in Cochrane Reviews

## 5.1.9.3 2nd re-run search

Re-ran the original search strategy (5.1.9.1) with an amended date limit on the final line:

#86 #85 with Cochrane Library publication date Between Sept 2020 and Jul 2021, in Cochrane Reviews

## 5.1.10 CENTRAL

#### 5.1.10.1 Original search

#1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) and (wellbeing or well-being or wellness or learn\* or competenc\* or skills)):ti,ab
 #2 ((SEL or SEAL or SEBS or EWB or EMHWB) and (school\* or class\* or curricul\* or

intervention\* or program\*)):ti,ab

#3 ("social learner\*" or "social learning"):ti,ab

#4 (resilien\* or coping):ti,ab

#5 [mh ^"adaptation, psychological"] or [mh ^"resilience, psychological"]

#6 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or mindful\*):ti,ab

#7 MeSH descriptor: [Emotional Intelligence] this term only

#8 MeSH descriptor: [Self Concept] explode all trees

#9 [mh ^"emotional adjustment"] or [mh ^"social adjustment"]

#10 ((social or interpersonal or communication or relationship\*) NEAR/2 (skill\* or competence\* or attribute\*)):ti,ab

#11 (friendship\* or friends):ti,ab

#12 ((social or peer or peers) NEAR/2 (group\* or network\*)):ti,ab

#13 empathy:ti,ab

#14 ("social awareness" or socialisation or socialization or "social interaction\*" or "social inclusion"):ti,ab

#15 [mh ^"social skills"] or [mh ^"social behavior"] or [mh ^"social values"]

#16 ("personal development" or "youth development"):ti,ab

#17 ("decision making" or "problem solv\*" or problem-solv\*):ti,ab

#18 [mh ^"decision making"]

#19 [mh ^"problem solving"]

#20 (bully\* or bullies or anti-bully\* or "anti bully\*" or antibully\* or cyber-bully\* or "cyber bully\*" or cyberbully\* or victimis\* or victimiz\* or stigma or anti-stigma or "anti stigma" or antistigma or prejudice\*):ti,ab

#21 (delinquen\* or anti-social or "anti social" or antisocial or "conduct disorder\*" or "risky behavio\*" or "problem behavio\*" or (behavio\* NEAR/1 problem\*)):ti,ab

#22 (((substance or drug\* or alcohol) NEAR/3 ("use" or abuse or misuse)) and (prevent\* or reduc\*)):ti,ab

#23 ((exclu\* or expulsion or expel\* or absent\* or truant\* or truancy or conflict or violent or violence or disengage\*) and school\*):ti,ab

#24 [mh ^bullying] or [mh ^cyberbullying] or [mh ^"problem behavior"]

#25 ((school\* or academic) NEAR/2 (achieve\* or attain\* or engage\* or progress\* or motivat\* or connectedness or belonging)):ti,ab

#26 [mh ^"mental health"]

#27 (mental NEAR/2 (health or wellbeing or well-being or "well being" or wellness)):ti,ab
#28 ((psychological or "psycho social" or psycho-social or psychosocial) NEAR/2
(wellbeing or "well being" or well-being)):ti,ab

#29 (anxiety or anxious or depression or depressed or depressive or stress):ti,ab#30 {or #1-#29}

#31 ("Aban Aya" or "Academic and Behavioural Competency Program\*" or "Active Citizens in Schools" or ACIS or "Adolescent Decision Making Program\*" or "ALERT plus" or "Alcohol Education Package" or "Alcohol Education Program\*" or "Alcohol Screening and Brief Intervention" or "All Stars" or "Al's Pals" or "Alternatives to Trouble" or "Amazing Alternatives" or "Anti-bullying Program\*" or "Attention Academy" or "Aussie Optimism" or BARR or "BBBS Ireland" or "Be the Best You can Be" or "Beat Bullying" or Beatbullying or "Befriending Intervention" or BeyondBlue or "Big Brothers Big Sisters" or "Bounce Back" or "Boys and Girls Club" or "Breathing Awareness Meditation" or "Building Assets Reducing Risks" or "Building Resiliency and Vocational Excellence" or "Bully Proofing" or Bullyproofing or "Bullying Eliminated from Schools Together"):ti,ab

#32 (CAPSLE or CASEL or "Caring School Community" or CharacterPlus or "Child Development Initiative" or "Circle Time" or "Classroom Centred Intervention" or "Classroom Centred Program\*" or "Class-wide Function-based Intervention" or "Climate Schools" or Climb-UP or CMCD or "Coalition for Youth Quality of Life" or "Comer School Development Program\*" or "Communities that Care" or "Community of Caring" or "Competence Support Program\*" or "Competent Kids Caring Communities" or "Conscious Coping" or "Consistency Management and Cooperative Discipline" or "Coping Koala" or "Coping Power" or "Counsellor Peers" or "Creating a Peaceful School Learning Environment" or Cues-ed or CSRP or "Cultivating Awareness and Resilience in Education"):ti,ab

#33 ("Early Risers" or "EiE-L" or "Empathic Discipline" or "Empower Youth" or "Engage in Education" or "Expect Respect" or "Expeditionary Learning" or "Facing History and Ourselves" or "Families and Schools Together" or "Family Check-up" or "Family School Partnership" or "Family SEAL" or "Fast Track" or "FearNot\*" or "First Steps to Success" or "Formalised Peer Mentoring" or "Foundations of Learning" or "Fourth R-Skills" or "Fourth Step" or "Friendly Schools" or "FRIENDS program\*" or FSP or "Gang Resistance Education and Training" or Gatehouse or GBG or "Get Wise" or "Girls First" or "Going for Goals" or "Going Places" or "Good Behaviour Game" or "Grades Attendance and Behaviour" or "Guided Self-change" or HASSP or "Head Start" or "healthy active peaceful playgrounds" or "Healthy for Life" or "Healthy Futures" or "Healthy Lifestyles" or "Healthy Minds in Teenagers" or "Healthy Relationships Training Program\*" or "Healthy Schools and Drugs" or "Here's Looking at You" or HighScope or "Home and School Support Program\*" or "How to Thrive" or "I Can Problem Solve" or ICPS or "ICAN Kids" or "Improving Social Awareness" or "Incredible Years" or "Inner Explorer" or InnerKids or "Inspiring Futures" or "Interpersonal Cognitive Problem Solving Skills" or "In:tuition" or "ISA-SPS" or Jigsaw):ti,ab #34 ("Keepin\* It REAL" or "Kia Kaha" or KiVa or "klar bleiben" or "Knightly Virtues" or

"Know Your Body" or "Learning for Life" or "Learning to BREATHE" or "Lessons for Living" or "Lessons in Character" or "Life Skills Program\*" or "Life Skills Training" or Lift or "Linking the Interests of Families and Teachers" or "Lions Quest" or "Living with a Purpose" or "Love in a Big World" or LST or "Master Mind" or "Match Model" or "Michigan Model for Health" or "Middle School Success" or "Midwest\* Prevention Project" or "Millennium Volunteers" or "Million Dollar Machine" or "Mind Up" or MindUP or MindfulKids or "Mindfulness in Schools" or MISP or "Mood Gym" or "My Character" or "My Teaching Partner" or "New Beginnings" or Narconon or OBPP or Olweus or "Open Circle" or "Op Volle Kracht" or "Over to You"):ti,ab

#35 (Paths or PATHStoPAX or "Paws B" or "Peace Builders" or "Peace Works" or "Peacemaking Skills for Little Kids" or "Peer Mentoring" or "Peer Acceleration Social Network" or "Penn Resiliency Program\*" or "Personality Risk Factors" or PESSOA or Playworks or Ploughshares or "Positive Action" or "Positive Alternative Learning Support" or "Positive Adolescent Life Skills" or "Positive Youth Development Program\*" or "Preparation through Responsive Education" or "Primary SEAL" or "Prime for Life" or "Proactive Classroom" or Pro-ACT or "Problem Solving Program\*" or Progetto or "Project A.T.T.E.N.D." or "project ALERT" or "project CHARLIE" or "Project Northland" or "Project Pride" or "project SMART" or "Project Based Learning" or "Project STAR" or "Promoting Alternative Thinking Strategies" or "Puppets for Peace" or "Pyramid Project" or "Raising Healthy Children" or RCCP or ReachOut or "Reaching Adolescents for Prevention" or "Reading Apprenticeship" or "Reading, Writing, Respect and Resolution" or "Recognizing, Understanding, Labeling, Expressing and Regulating Emotions" or "Reconnecting Youth" or REDI or "Resilience Program\*" or "Resilient Families" or "Resolving Conflict Creatively" or "Respect Program\*" or "Responsive Classroom" or "Risk Training Skills" or "Rochester Resilience Program\*" or "Resourceful Adolescent Program\*" or "Roots of Empathy" or Rtime or Ruler):ti,ab #36 ("Safe and Civil Schools" or "Safe Dates" or "SafERteens" or "Say Yes First" or SBIRT or "School-based Resilience Intervention" or "School Health and Alcohol Harm Reduction Project" or "School-wide Positive Behavioural Interventions and Support" or "Second Step" or SS-SSTP or "Secondary SEAL" or "Seattle Social Development Project" or "SEED Scotland" or "Self-determination Program\*" or "Self-management and Resistance Training" or "Service Learning" or "SFP10-14" or SHAHRP or "Siblings are Special" or SIBS or "Skills for Adolescence" or "Skills for Change" or "Skills for Success" or SingUp or "Social Competence Training" or "Social Decision Making" or "Social Norms" or "Social Problem Solving Skills" or "Social Skills Group Intervention\*" or "Social Skills Training" or "South Carolina Program\*" or "Smart Moves" or "S.S.GRIN" or SST or "Steg fur Steg" or STAMPP or "STARS for Families" or "Start Taking Alcohol Risks Seriously" or "Staying Calm" or "Step II" or "Steps towards Alcohol Misuse Prevention" or "Talk about Alcohol" or "Step-by-Step" or "Steps to Respect" or "Stop Breathe Be" or "Strengthening Families Program\*" or "Strengths Gym" or "Stress Inoculation Training" or "Stress Management Intervention" or "Student Success Skills" or "Student Success through Prevention" or "Student Threat Assessment" or "Success for Kids"

or SWPBIS or SWPBS or "Teach Team" or "Teen Outreach Program\*" or "Teen Talk" or "Theatre in Education" or "The GOOD life" or "The Incredible Years" or "Think Feel Do" or "Think Well, Do Well" or "Too Good for Violence" or "Tools for Getting Along" or "Tools of the Mind" or "Towards no drug abuse" or "Transition Mentoring" or "Tribes Learning Communities" or "UK Resilience Program\*" or "Unique Minds" or ViSC or "Wise Mind" or Woodrock or YogaKid\* or "Yo Puedo" or "You Can Do It!" or "Youth Development Project" or "Youth Matters" or "Zippy's Friends" or "21st Century Community Learning" or "4Rs"):ti,ab #37 (PSHE or "personal social health" or PSE or "personal and social education" or SMSC

or "spiritual moral social and cultural"):ti,ab

#38 ("positive behavio\* intervention\*" or "positive behavio\* support" or PBIS):ti,ab

#39 ("school-wide positive behavio\* support\*" or SWPBS):ti,ab

#40 "relationships and sex education":ti,ab

#41 {or #31-#40}

#42 #30 and #41

#43 (mindful\* or meditat\* or yoga):ti,ab

#44 [mh ^mindfulness] or [mh ^meditation] or [mh ^yoga]

#45 "life skills":ti,ab

#46 "motivational interview\*":ti,ab

#47 [mh ^"motivational interviewing"]

#48 ((brief or opportunist\* or concise or short or direct) NEAR/3 (counsel\* or advice\* or advise\* or advisor\* or therap\* or support\* or guide\* or guidance\* or intervention\*)):ti,ab

#49 ((behaviour\* or behavior\* or cognitive) NEAR/3 (technique\* or therap\* or chang\* or modify or modifies or modifying or support\* or intervention\* or session\* or program\* or workshop\*)):ti,ab

#50 [mh ^counseling] or [mh ^"directive counseling"] or [mh ^"child guidance"] or [mh ^"psychology, adolescent"]

#51 [mh ^"behavior therapy"] or [mh ^"cognitive behavioral therapy"]

#52 (skills NEAR/1 (train\* or teach\* or educat\* or develop\*)):ti,ab

#53 ((peer or pastoral or teacher\*) NEAR/2 (educat\* or support\* or group\* or led)):ti,ab

#54 (prevent\* and (intervention\* or program\*)):ti,ab

#55 "intervention program\*":ti,ab

#56 "social and emotional learning program\*":ti,ab

#57 "play therap\*":ti,ab

#58 ("mental health" NEAR/3 (intervention\* or program\*)):ti,ab

#59 ((Wellbeing or "well being" or well-being) NEAR/3 (intervention\* or therap\* or program\*)).ti,ab

#60 ((HIIT or fitness or "physical activity") NEAR/2 (intervention or program\*)):ti,ab

#61 ((questionnaire\* or survey\* or self-report\* or "self report\*" or assessment\*) NEAR/3

(school\* or class or classroom\* or pupil\* or student\* or teach\*)):ti,ab

#62 {or #43-#61}

#63 (classroom\* or "whole class\*" or whole-class\*):ti,ab

#64 ((multi\*component or multicomponent or "multi\* component" or universal or brief or "group based" or group-based or groupbased or "group work\*" or group-work\* or groupwork\* or "small group\*" or small-group\* or targeted or selected or indicated) and (intervention\* or program\* or project\* or pilot\* or initiative\* or approach\* or activit\* or lesson\* or curricul\*)):ti,ab

#65 ("whole school\*" or whole-school\* or wholeschool\* or "school wide" or school-wide or school based" or school-based or schoolbased):ti,ab

#66 (school\* NEAR/3 (ethos or culture or life or environment or governance or policy or policies or leadership or SLT)).ti,ab

#67 (school\* and (intervention\* or program\*)).ti,ab

#68 {or #63-#67}

#69 #62 and #68

#70 #30 and #69

#71 (school\* or pupil\* or student\* or teach\* or curricul\* or lesson\* or learner\* or learning or syllabus):ti,ab

#72 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education"):ti,ab

#73 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*"):ti,ab

("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year #74 four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*"):ti,ab [mh ^curriculum] or [mh ^schools] or [mh ^teaching] or [mh ^"school health #75 services"] or [mh ^"school nursing"] or [mh ^"school teachers"]

#76 {or #71-#75}

#77 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities):ti,ab

#78 #76 not #77

#79 [mh child] or [mh "child behavior"] or [mh ^"child health"] or [mh ^"child welfare"] or [mh ^"child development"]

#80 [mh ^"adolescent behavior"] or [mh ^adolescent] or [mh ^"adolescent health"] or [mh ^"adolescent development"]

#81 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preadolescen\* or preadolescen\* or pre-teen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or "school age\*" or school-age\* or schoolage\* or K-12):ti,ab

#82 {or #79-#81}

#83 #78 and #82

- #84 #42 or #70
- #85 #83 and #84

#86 "conference":pt or (clinicaltrials or trialsearch):so

#87 #85 not #86

#88 #87 with Publication Year from 2007 to 2019, in Trials
#### 5.1.10.2 1st re-run search

Re-ran the original search strategy (5.1.10.1) with an amended date limit on the final line:

#88 #87 with publication year from 2019 to 2020, in Trials

#### 5.1.10.3 2nd re-run search

Re-ran the original search strategy (5.1.10.1) with an amended date limit on the final line:

#88 #87 with publication year from 2020 to 2021, in Trials

## 5.1.11 DARE

#### 5.1.11.1 Original search

1	(((Social OR emotional OR social-emotional OR socio OR socio-emotional OR pro-social OR prosocial) AND (wellbeing OR well-being OR wellness OR learn OR learner OR learners OR learning OR competence OR competent or competencies OR skills)) OR ((SEL OR SEAL OR SEBS OR EWB OR EMHWB) AND (school OR schools OR class OR classes OR classroom OR classrooms OR curriculum OR curricula OR curricular OR intervention OR interventions OR program OR programs OR programme OR programmes)) OR (("social learner" OR "social learners" OR "social learning" OR resilient OR resilience OR resiliencies OR coping OR self- control OR "emotional regulation" OR self-aware OR self-awareness OR self-efficacy OR self-regulate OR self-regulation OR self-confidence OR self-confident OR self-management OR self-esteem OR self-concept OR "emotional intelligence" OR mindful OR interpersonal OR friendship or friends OR empathy OR "social awareness" OR socialisation OR socialization OR "social interaction" OR "social interactions" OR "social inclusion" OR "personal development" OR "youth development" OR "decision making" OR "problem solving"))) IN DARE	1947
2	(("social learner" OR "social learners" OR "social learning" OR resilient OR resilience OR resiliencies OR coping OR self-control OR "emotional regulation" OR self-aware OR self-awareness OR self-efficacy OR self- regulate OR self-regulation OR self-confidence OR self-confident OR self- management OR self-esteem OR self-concept OR "emotional intelligence" OR mindful OR interpersonal OR friendship or friends OR mpathy OR "social awareness" OR socialisation OR socialization OR "social interaction" OR "social interactions" OR "social inclusion" OR "personal development" OR "youth development" OR "decision making" OR "problem solving" or bully OR bullying or bullies or anti-bully or anti- bullying or "anti bully" or "anti bullying" or antibully or antibullying or cyber-bully or cyber-bullies or "cyber bully" or "cyber bullying" or "cyber bullies" or cyberbullies or victimization or stigma or anti- stigma or "anti stigma" or antistigma or prejudice or delinquent or	1989

8 NOTE <sup>,</sup>	#6 AND #7 1084 results, 610 of which are from 2007 onwards	1084
6	#4 AND #5 ((Child or children or adolescent or adolescents or adolescence or kid or kids or youth or youths or youngster or minor or minors or underage or under-age or "under age" or "young person" or "young people" or pre- adolescent or preadolescent or pre-adolescents or preadolescents or pre- teen or preteen or teen or teens or teenager or teenagers or juvenile or boy or boys or boyhood or girl or girls or girlhood or schoolchild or schoolchildren or "school age" or school-age or schoolage or K-12)) IN DARE	3042 6772
5	#1 OR #2 OR #3 ((classroom or classrooms or "whole class" or whole-class ) OR ("whole school" or whole-school or wholeschool or "school wide" or school-wide or schoolwide or "school based" or school-based or schoolbased) OR (((multi-component or multicomponent or "multi component" or multiple-component or "multiple component" or universal or brief or "group based" or group-based or groupbased or "group work" or group- work or groupwork or "small group" or small-group or "small groups" or small-groups or targeted or selected or indicated) and (intervention or interventions or program or programs or programme or programmes or project or projects or pilot or initiative or initiatives or approach or approaches or activity or activities or lesson or lessons or curriculum or curricula))) or (((school or schools) AND (ethos or culture or life or environment or governance or policy or policies or leadership or SLT))) OR (((school or schools) and (intervention or interventions or program or programs or programme or programme or program or programs or programme or programmes)))) IN DARE	5328
3	((((mental AND (health or wellbeing or well-being or 'well being' or wellness))) OR (((psychological or 'psycho social' or psycho-social or psychosocial) AND (wellbeing or "well being" or well-being))) OR ((anxiety or anxious or depression or depressed or depressive or stress)))) IN DARE	3907
	delinquents or delinquency or delinquencies or anti-social or "anti social" or antisocial or "conduct disorder" or "risky behavior" or "risky behaviour" or "risky behaviors" or "risky behaviours" or "problem behavior" or "problem behaviour" or "problem behaviors" or "problem behaviours") OR ((exclude or excluded or exclusion OR expulsion OR expel or expelled OR absent or absentee or absenteeism OR truant or truants or truanting OR truancy OR conflict OR violent OR violence or disengage or disengaged or disengagement) AND (school or schools))) IN DARE	

## 5.1.11.2 1st re-run search

DARE is a legacy database, no records have been added since 2015. As a result this has not been searches as part of this rerun.

#### 5.1.11.3 2nd re-run search

DARE is a legacy database, no records have been added since 2015. As a result this has not been searches as part of this rerun.

## 5.1.12 Dopher

5.1.12.1 Original search		
1	Freetext (All but Authors): "social or emotional or prosocial"	
2	Freetext (All but Authors): "mental health"	314
3	Freetext (All but Authors): "mental health"	314
4	Freetext (All but Authors): "resilience or coping "	0
5	Freetext (All but Authors): "wellbeing or wellness"	0
6	Freetext (All but Authors): "bully or bullies or bullying or cyberbully or cyberbullying"	0
7	Freetext (All but Authors): "class or classroom or school or schools or pupil or pupils or teacher or teachers or schoolchild or schoolchildren"	0
8	Freetext (All but Authors): "school or schools or teacher or teachers"	0
9	Freetext (Year): 2007-2019	4145
10	2 AND 9	229

NOTE: discovered single search terms returned more results than phrase searching so ran a second search:

1	Freetext (All but Authors): "mental health"	314
2	Freetext (All but Authors): social	1048
3	Freetext (All but Authors): emotional	139
4	Freetext (All but Authors): resilience	27
5	Freetext (All but Authors): coping	62
6	Freetext (All but Authors): mindful	3
7	Freetext (All but Authors): bully	3
8	Freetext (All but Authors): bullying	19
9	Freetext (All but Authors): school	855
10	Freetext (All but Authors): schools	345
11	Freetext (All but Authors): teachers	72
12	1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8	1349

13	9 OR 10 OR 11	961
14	12 AND 13	310
15	Freetext (Year): 2007-2019	4145
16	14 AND 15	215

NOTE: sifted through titles from both Dopher searches and identified 130 records to download.

#### 5.1.12.2 1st re-run search

Search is slightly different to original as the categories appear different

1	Freetext (All but Authors): "mental health"	361
2	Freetext (All but Authors): social	1108
3	Freetext (All but Authors): prosocial	10
4	Freetext (All but Authors): "emotional "	149
5	Freetext (All but Authors): resilience	35
6	Freetext (All but Authors): coping	70
7	Freetext (All but Authors): mindful	3
8	Freetext (All but Authors): bully	3
9	Freetext (All but Authors): bullying	21
10	Freetext (All but Authors): school	863
11	Freetext (All but Authors): schools	347
12	Freetext (All but Authors): teachers	73
13	Freetext (All but Authors): "class "	120
14	Freetext (All but Authors): "classroom "	48
15	Freetext (All but Authors): "pupil "	3
16	Freetext (All but Authors): "teacher "	32
17	Freetext (All but Authors): "schoolchild "	0
18	Freetext (All but Authors): schoolchildren	26
19	Freetext (All but Authors): student	82
20	Freetext (All but Authors): students	226
21	1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR	
	10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 1	7
	OR 18 OR 19 OR 20	2270
22	Freetext (Year): 2019-2020	609
23	21 AND 22	287

#### 5.1.12.3 2nd re-run search

Search is slightly different to original as the categories appear different

1	Freetext (All but Authors): "mental health"	361
2	Freetext (All but Authors): social	1108
3	Freetext (All but Authors): prosocial	10
4	Freetext (All but Authors): "emotional "	149
5	Freetext (All but Authors): resilience	35
6	Freetext (All but Authors): coping	70
7	Freetext (All but Authors): mindful	3

8	Freetext (All but Authors): bully	3
9	Freetext (All but Authors): bullying	21
10	Freetext (All but Authors): school	863
11	Freetext (All but Authors): schools	347
12	Freetext (All but Authors): teachers	73
13	Freetext (All but Authors): "class "	120
14	Freetext (All but Authors): "classroom "	48
15	Freetext (All but Authors): "pupil "	3
16	Freetext (All but Authors): "teacher "	32
17	Freetext (All but Authors): "schoolchild "	0
18	Freetext (All but Authors): schoolchildren	26
19	Freetext (All but Authors): student	82
20	Freetext (All but Authors): students	226
21	1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR	
	10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 1	7
	OR 18 OR 19 OR 20	2270
22	Freetext (Year): 2020-2021	463
23	21 AND 22	181

NOTE: sifted through 181 results and identified 28 records to download.

## 5.1.13 Trophi

5.1.13.1	Original search	
1	Intervention site(s): educational institution OR primary education OR secondary education	1962
2	Which language is the study in?: English	7677
3	1 AND 2	1712
5	Freetext (All but Authors): "mental health"	521
11	Freetext (All but Authors): school	2594
12	Freetext (All but Authors): social	1611
13	Freetext (All but Authors): emotional	323
14	5 OR 11 OR 12 OR 13	4174
15	3 AND 14	1315
16	Freetext (Year): 2007-2019	8965
17	15 AND 16	759
18	15 AND 16	759

NOTE: from the 759 results identified 292 relevant titles to download.

#### 5.1.13.2 1st re-run search

Search is slightly different to original as the categories appear different

1	Characteristics of the study population:	childro	n (0-10 vrs) 1739
2	Characteristics of the study population:		
2	1 OR 2 4990	young	Jeople (11-21 yis)
4	Focus of the report: education system	118	
5	3 AND 4 107	110	
6	Freetext (Year): 2019-2020 212		
7	5 AND 6 0		
8	Freetext (All but Authors): social	1664	
9	Freetext (All but Authors): emotional	328	
9 10	Freetext (All but Authors): prosocial	328 30	
10	Freetext (All but Authors): "mental hea		537
12	Freetext (All but Authors): mental nea	2680	221
12	Freetext (All but Authors): schools	1842	
15 14	· · ·	1042	
	Freetext (All but Authors): pupil 24	154	
15	Freetext (All but Authors): pupils	154	
16	Freetext (All but Authors): student	445	
17	Freetext (All but Authors): students	1960 "	0
18	Freetext (All but Authors): "schoolchild		0
19	Freetext (All but Authors): schoolchildre		126
20	Freetext (All but Authors): "classroom "		
21	Freetext (All but Authors): "teacher "	272	
22	Freetext (All but Authors): teachers	504	
23	8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14	ļ	
	OR 15 OR 16 OR 17 OR 18 OR 19 OR		
	20 OR 21 OR 22 5172		
24	6 AND 23 109		

#### 5.1.13.3 2nd re-run search

Search is slightly different to original as the categories appear different

Characteristics of the study population: children (0-10 yrs) OR young people (11-21 yrs)

Focus of the report: education system 118 20 AND 21 Freetext (Year): 2020-2021 22 AND 23 Freetext (All but Authors): social Freetext (All but Authors): emotional Freetext (All but Authors): prosocial Freetext (All but Authors): "mental health" Freetext (All but Authors): school Freetext (All but Authors): schools Freetext (All but Authors): pupil 29 Freetext (All but Authors): pupils Freetext (All but Authors): student Freetext (All but Authors): students Freetext (All but Authors): "schoolchild " Freetext (All but Authors): schoolchildren Freetext (All but Authors): classroom Freetext (All but Authors): teacher Freetext (All but Authors): teachers

40 25 OR 26 OR 27 OR 28 OR 29 OR 30 OR 31 OR 32 OR 33 OR 34 OR 35 OR 36 OR 37 OR 38 OR 39 5807

41 23 AND 40 192

NOTE: sifted through 192 results and identified 30 records to download.

#### 5.1.14 Bibliomap

5.1.14.1 Original search		
1	Characteristics of the study population: children	2913
2	Intervention site(s): educational institution OR primary education OR secondary education	1598
3	Freetext: social	2066
4	Freetext: emotional	345
5	Freetext: resilience	54
6	Freetext: coping	274
7	Freetext: mindful	2
8	Freetext: "mental health"	1062
9	3 OR 4 OR 5 OR 6 OR 7 OR 8	3142
10	1 OR 2	3921
11	9 AND 10	1053
12	Which language is the study in?: English	12168
13	11 AND 12	849
14	Freetext: school	2614
15	Freetext: schools	963
16	Freetext: school-based	577
17	Freetext: classroom	201
18	Freetext: teacher	177
19	Freetext: teachers	307
20	14 OR 15 OR 16 OR 17 OR 18 OR 19	3026
21	13 AND 20	381

NOTE: from the 381 results only identified 1 relevant result published since 2007 and not already identified in other database searches.

#### 5.1.14.2 1st re-run search

No date limits available. All records were screened for date published in Bibliomap. No results from 2019 or 2020 were identified.

#### 5.1.14.3 2nd re-run search

No date limits available. All records were screened for date published in Bibliomap. No results from 2020 or 2021 were identified.

## 5.1.15 Google Scholar

5.1.15.1 Original search Search engine		
Name	Google Scholar	
URL	https://scholar.google.co.uk/	
Date searched	27/09/19	
Searcher	RA	
Search terms	Social emotional learning Social emotional and behavioural skills Whole school approach School based interventions (resilience or coping or empathy or life skills or emotional intelligence) and school (mindfulness or yoga or therapy or counselling) and school School wide positive behaviour support	
How the results were selected	Identified potentially relevant titles to reports / publications published since 2007. Downloaded 140 results.	

## 5.1.15.1 Original search

## 5.1.15.2 1st re-run search

Search engine	
Name	Google Scholar
URL	https://scholar.google.co.uk/
Date searched	25/09/2020
Searcher	RA
Search terms	Social emotional learning
	Social emotional and behavioural skills
	Whole school approach
	School based interventions
	(resilience or coping or empathy or life skills or emotional intelligence) and school
	(mindfulness or yoga or therapy or counselling) and school
	School wide positive behaviour support
	All searches limited to 2019 onwards
How the results	Reviewed the first 100 results from each search
were selected	Identified potentially relevant titles to reports / publications
	published since 2019.
	Added 190 into Eppi

<u>0.1.10.0</u>	
Search engine	
Name	Google Scholar
URL	https://scholar.google.co.uk/
Date searched	13/07/21
Searcher	RA

#### 5.1.15.3 2nd re-run search

Search terms	Social emotional learning Social emotional and behavioural skills Whole school approach School based interventions (resilience or coping or empathy or life skills or emotional intelligence) and school (mindfulness or yoga or therapy or counselling) and school School wide positive behaviour support All searches limited to 2020 onwards
How the results were selected	Reviewed the first 100 results from each search Identified potentially relevant titles to reports / publications published since 2020, not already tagged as having been identified during the first search reruns in September 2020. Added 120 into Eppi

## **5.2 Cost-effectiveness searches**

## 5.2.1 Campbell Collaboration

#### 5.2.1.1 Original searches

Searched for single words in the keywords field. Limited results to 2007 onwards and English language: Social Emotional Prosocial Mental health Mindfulness

Mindfulness Resilience Coping Bullying School Schools Teacher Teachers Pupil Pupils Student Students Child Children Young people Adolescent Adolescents Adolescence Teenager Teenagers Teen

Items relevant to Social & Emotional Wellbeing were identified, however none mention cost effectiveness terms in the title.

#### 5.2.1.2 Re-run searches

Searched for single words in the keywords field. Limited results Limited results to 08/10/2019-22/07/2021 and English language

Social Emotional Prosocial Mental health Mindfulness Resilience Coping Bullying School Schools Teacher Teachers Pupil Pupils Student Students Child Children Young people Adolescent Adolescents Adolescence Teenager Teenagers Teen

Items relevant to Social & Emotional Wellbeing were identified, however none mention cost effectiveness terms in the title.

## 5.2.2 EconLit

## 5.2.2.1 Original searches

1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) and (wellbeing or well-being or wellness or learn\* or competenc\* or skills)).ti,ab. (9416)

2 ((SEL or SEAL or SEBS or EWB or EMHWB) and (school\* or class\* or curricul\* or intervention\* or program\*)).ti,ab. (41)

3 ("social learner\*" or "social learning").ti,ab. (677)

4 (resilien\* or coping).ti,ab. (5957)

5 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or mindful\*).ti,ab. (3465)

6 ((social or interpersonal or communication or relationship\*) adj2 (skill\* or competence\* or attribute\*)).ti,ab. (685)

7 (friendship\* or friends).ti,ab. (2011)

8 ((social or peer or peers) adj2 (group\* or network\*)).ti,ab. (5983)

9 empathy.ti,ab. (328)

10 ("social awareness" or socialisation or socialization or "social interaction\*" or "social inclusion").ti,ab. (3109)

11 ("personal development" or "youth development").ti,ab. (157)

12 ("decision making" or "problem solv\*" or problem-solv\*).ti,ab. (20129)

13 (bully\* or bullies or anti-bully\* or "anti bully\*" or antibully\* or cyber-bully\* or "cyber bully\*" or cyberbully\* or victimis\* or victimiz\* or stigma or anti-stigma or "anti stigma" or antistigma or prejudice\*).ti,ab. (1750)

14 (delinquen\* or anti-social or "anti social" or antisocial or "conduct disorder\*" or "risky behavio\*" or "problem behavio\*" or (behavio\* adj problem\*)).ti,ab. (1502)

15 (((substance or drug\* or alcohol) adj3 ("use" or abuse or misuse)) and (prevent\* or reduc\*)).ti,ab. (428)

16 ((exclu\* or expulsion or expel\* or absent\* or truant\* or truancy or conflict or violent or violence or disengage\*) and school\*).ti,ab. (1536)

17 ((school\* or academic) adj2 (achieve\* or attain\* or engage\* or progress\* or motivat\* or connectedness or belonging)).ti,ab. (1552)

18 (mental adj2 (health or wellbeing or well-being or "well being" or wellness)).ti,ab.(1763)

19 ((psychological or "psycho social" or psycho-social or psychosocial) adj2 (wellbeing or "well being" or well-being)).ti,ab. (284)

20 (anxiety or anxious or depression or depressed or depressive or stress).ti,ab. (11374)
21 or/1-20 (64986)

22 ("Aban Aya" or "Academic and Behavioural Competency Program\*" or "Active Citizens in Schools" or ACIS or "Adolescent Decision Making Program\*" or "ALERT plus" or "Alcohol Education Package" or "Alcohol Education Program\*" or "Alcohol Screening and Brief Intervention" or "All Stars" or "Al's Pals" or "Alternatives to Trouble" or "Amazing Alternatives" or "Anti-bullying Program\*" or "Attention Academy" or "Aussie Optimism" or BARR or "BBBS Ireland" or "Be the Best You can Be" or "Beat Bullying" or Beatbullying or "Befriending Intervention" or BeyondBlue or "Big Brothers Big Sisters" or "Bounce Back" or "Boys and Girls Club" or "Breathing Awareness Meditation" or "Building Assets Reducing Risks" or "Building Resiliency and Vocational Excellence" or "Bully Proofing" or Bullyproofing or "Bullying Eliminated from Schools Together").ti,ab. (144)

23 (CAPSLE or CASEL or "Caring School Community" or CharacterPlus or "Child Development Initiative" or "Circle Time" or "Classroom Centred Intervention" or "Classroom Centred Program\*" or "Class-wide Function-based Intervention" or "Climate Schools" or Climb-UP or CMCD or "Coalition for Youth Quality of Life" or "Comer School Development Program\*" or "Communities that Care" or "Community of Caring" or "Competence Support Program\*" or "Competent Kids Caring Communities" or "Conscious Coping" or "Consistency Management and Cooperative Discipline" or "Coping Koala" or "Coping Power" or "Counsellor Peers" or "Creating a Peaceful School Learning Environment" or Cues-ed or CSRP or "Cultivating Awareness and Resilience in Education").ti,ab. (40)

24 ("Early Risers" or "EiE-L" or "Empathic Discipline" or "Empower Youth" or "Engage in Education" or "Expect Respect" or "Expeditionary Learning" or "Facing History and Ourselves" or "Families and Schools Together" or "Family Check-up" or "Family School Partnership" or "Family SEAL" or "Fast Track" or "FearNot\*" or "First Steps to Success" or "Formalised Peer Mentoring" or "Foundations of Learning" or "Fourth R-Skills" or "Fourth Step" or "Friendly Schools" or "FRIENDS program\*" or FSP or "Gang Resistance Education and Training" or Gatehouse or GBG or "Get Wise" or "Girls First" or "Going for Goals" or "Going Places" or "Good Behaviour Game" or "Grades Attendance and Behaviour" or "Guided Self-change" or HASSP or "Head Start" or "healthy active peaceful playgrounds" or "Healthy for Life" or "Healthy Futures" or "Healthy Lifestyles" or "Healthy Minds in Teenagers" or "Healthy Relationships Training Program\*" or "Healthy Schools and Drugs" or "Here's Looking at You" or HighScope or "Home and School Support Program\*" or "How to Thrive" or "I Can Problem Solve" or ICPS or "ICAN Kids" or "Improving Social Awareness" or "Incredible Years" or "Inner Explorer" or InnerKids or "Inspiring Futures" or "Interpersonal Cognitive Problem Solving Skills" or "In:tuition" or "ISA-SPS" or Jigsaw).ti,ab. (2512) 25 ("Keepin\* It REAL" or "Kia Kaha" or KiVa or "klar bleiben" or "Knightly Virtues" or "Know Your Body" or "Learning for Life" or "Learning to BREATHE" or "Lessons for Living" or "Lessons in Character" or "Life Skills Program\*" or "Life Skills Training" or Lift or "Linking the Interests of Families and Teachers" or "Lions Quest" or "Living with a Purpose" or "Love in a Big World" or LST or "Master Mind" or "Match Model" or "Michigan Model for Health" or "Middle School Success" or "Midwest\* Prevention Project" or "Millennium Volunteers" or "Million Dollar Machine" or "Mind Up" or MindUP or MindfulKids or "Mindfulness in Schools" or MISP or "Mood Gym" or "My Character" or "My Teaching Partner" or "New

Beginnings" or Narconon or OBPP or Olweus or "Open Circle" or "Op Volle Kracht" or "Over to You").ti,ab. (474)

26 (Paths or PATHStoPAX or "Paws B" or "Peace Builders" or "Peace Works" or "Peacemaking Skills for Little Kids" or "Peer Mentoring" or "Peer Acceleration Social Network" or "Penn Resiliency Program\*" or "Personality Risk Factors" or PESSOA or Playworks or Ploughshares or "Positive Action" or "Positive Alternative Learning Support" or "Positive Adolescent Life Skills" or "Positive Youth Development Program\*" or "Preparation through Responsive Education" or "Primary SEAL" or "Prime for Life" or "Proactive Classroom" or Pro-ACT or "Problem Solving Program\*" or Progetto or "Project A.T.T.E.N.D." or "project ALERT" or "project CHARLIE" or "Project Northland" or "Project Pride" or "project SMART" or "Project Based Learning" or "Project STAR" or "Promoting Alternative Thinking Strategies" or "Puppets for Peace" or "Pyramid Project" or "Raising Healthy Children" or RCCP or ReachOut or "Reaching Adolescents for Prevention" or "Reading Apprenticeship" or "Reading, Writing, Repect and Resolution" or "Recognizing, Understanding, Labeling, Expressing and Regulating Emotions" or "Reconnecting Youth" or REDI or "Resilience Program\*" or "Resilient Families" or "Resolving Conflict Creatively" or "Respect Program\*" or "Responsive Classroom" or "Risk Training Skills" or "Rochester Resilience Program\*" or "Resourceful Adolescent Program\*" or "Roots of Empathy" or Rtime or Ruler).ti,ab. (6041) ("Safe and Civil Schools" or "Safe Dates" or "SafERteens" or "Say Yes First" or SBIRT or 27 "School-based Resilience Intervention" or "School Health and Alcohol Harm Reduction Project" or "School-wide Positive Behavioural Interventions and Support" or "Second Step" or SS-SSTP or "Secondary SEAL" or "Seattle Social Development Project" or "SEED Scotland" or "Self-determination Program\*" or "Self-management and Resistance Training" or "Service Learning" or "SFP10-14" or SHAHRP or "Siblings are Special" or SIBS or "Skills for Adolescence" or "Skills for Change" or "Skills for Success" or SingUp or "Social Competence Training" or "Social Decision Making" or "Social Norms" or "Social Problem Solving Skills" or "Social Skills Group Intervention\*" or "Social Skills Training" or "South Carolina Program\*" or "Smart Moves" or "S.S.GRIN" or SST or "Steg fur Steg" or STAMPP or "STARS for Families" or "Start Taking Alcohol Risks Seriously" or "Staying Calm" or "Step II" or "Steps towards Alcohol Misuse Prevention" or "Talk about Alcohol" or "Step-by-Step" or "Steps to Respect" or "Stop Breathe Be" or "Strengthening Families Program\*" or "Strengths Gym" or "Stress Inoculation Training" or "Stress Management Intervention" or "Student Success Skills" or "Student Success through Prevention" or "Student Threat Assessment" or "Success for Kids" or SWPBIS or SWPBS or "Teach Team" or "Teen Outreach Program\*" or "Teen Talk" or "Theatre in Education" or "The GOOD life" or "The Incredible Years" or "Think Feel Do" or "Think Well, Do Well" or "Too Good for Violence" or "Tools for Getting Along" or "Tools of the Mind" or "Towards no drug abuse" or "Transition Mentoring" or "Tribes Learning Communities" or "UK Resilience Program\*" or "Unique Minds" or ViSC or "Wise Mind" or Woodrock or YogaKid\* or "Yo Puedo" or "You Can Do It!" or "Youth Development Project" or "Youth Matters" or "Zippy's Friends" or "21st Century Community Learning" or "4Rs").ti,ab. (3431)

28 (PSHE or "personal social health" or PSE or "personal and social education" or SMSC or "spiritual moral social and cultural").ti,ab. (95)

29 ("positive behavio\* intervention\*" or "positive behavio\* support" or PBIS).ti,ab. (2)

- 30 ("school-wide positive behavio\* support\*" or SWPBS).ti,ab. (0)
- 31 "relationships and sex education".ti,ab. (0)
- 32 or/22-31 (12676)
- 33 21 and 32 (1265)
- 34 (mindful\* or meditat\* or yoga).ti,ab. (286)
- 35 "life skills".ti,ab. (37)
- 36 "motivational interview\*".ti,ab. (6)

37 ((brief or opportunist\* or concise or short or direct) adj3 (counsel\* or advice\* or advise\* or advisor\* or therap\* or support\* or guide\* or guidance\* or intervention\*)).ti,ab.
(946)

38 ((behaviour\* or behavior\* or cognitive) adj3 (technique\* or therap\* or chang\* or modify or modifies or modifying or support\* or intervention\* or session\* or program\* or workshop\*)).ti,ab. (4178)

39 (skills adj1 (train\* or teach\* or educat\* or develop\*)).ti,ab. (520)

40 ((peer or pastoral or teacher\*) adj2 (educat\* or support\* or group\* or led)).ti,ab. (945)

41 (prevent\* and (intervention\* or program\*)).ti,ab. (2346)

- 42 "intervention program\*".ti,ab. (119)
- 43 "social and emotional learning program\*".ti,ab. (0)
- 44 "play therap\*".ti,ab. (1)

45 ("mental health" adj3 (intervention\* or program\*)).ti,ab. (44)

46 ((Wellbeing or "well being" or well-being) adj3 (intervention\* or therap\*)).ti,ab. (26)

47 ((HIIT or fitness or "physical activity") adj2 (intervention or program\*)).ti,ab. (10)

48 ((questionnaire\* or survey\* or self-report\* or "self report\*" or assessment\*) adj3

(school\* or class or classroom\* or pupil\* or student\* or teach\*)).ti,ab. (1262)

49 or/34-48 (10469)

50 (classroom\* or "whole class\*" or whole-class\*).ti,ab. (1701)

51 ((multi\*-component or multicomponent or "multi\* component" or universal or brief or "group based" or group-based or groupbased or "group work\*" or group-work\* or groupwork\* or "small group\*" or small-group\* or targeted) and (intervention\* or program\* or project\* or pilot\* or initiative\* or approach\* or activit\* or lesson\* or curricul\*)).ti,ab. (7384)

52 ("whole school\*" or whole-school\* or wholeschool\* or "school wide" or school-wide or school-based or schoolbased).ti,ab. (244)

53 (school\* adj3 (ethos or culture or life or environment or governance or policy or policies or leadership or SLT)).ti,ab. (1309)

54 (school\* and (intervention\* or program\*)).ti,ab. (5301)

55 or/50-54 (14989)

56 49 and 55 (1161)

57 21 and 56 (337)

58 (school\* or pupil\* or student\* or teach\* or curricul\* or lesson\* or learner\* or learning or syllabus).ti,ab. (86553)

59 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (969)

60 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (1)

61 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (1244) 62 or/58-61 (87391)

63 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or
"teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (68241)
64 62 not 63 (65679)

65 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preadolescen\* or preadolescen\* or pre-teen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or student\* or pupil\* or "school age\*" or school-age\* or schoolage\*).ti,ab. (55759)

- 66 64 and 65 (18151)
- 67 33 or 57 (1582)
- 68 66 and 67 (272)
- 69 limit 68 to yr="2007 -Current" (223)

#### 5.2.2.2 Re-run searches

Re-ran the original search strategy (5.2.2.1) with the following additional final lines:

69 (201910\* or 201911\* or 201912\* or 2020\* or 2021\*).up. 123351

70 68 and 69 62

## 5.2.3 Embase

#### 5.2.3.1 Original searches

1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) and (wellbeing or well-being or wellness or learn\* or competenc\* or skills)).ti,ab. (117666)

2 ((SEL or SEAL or SEBS or EWB or EMHWB) and (school\* or class\* or curricul\* or intervention\* or program\*)).ti,ab. (2473)

- 3 ("social learner\*" or "social learning").ti,ab. (3112)
- 4 (resilien\* or coping).ti,ab. (96919)
- 5 coping behavior/ or psychological resilience/ (57850)

6 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or mindful\*).ti,ab. (121769)

- 7 emotional intelligence/ or empathy/ (27173)
- 8 exp self concept/ (187394)
- 9 psychological adjustment/ or social adaptation/ (22832)
- 10 ((social or interpersonal or communication or relationship\*) adj2 (skill\* or competence\* or attribute\*)).ti,ab. (29189)
- 11 (friendship\* or friends).ti,ab. (38148)
- 12 ((social or peer or peers) adj2 (group\* or network\*)).ti,ab. (35481)
- 13 empathy.ti,ab. (14023)

14 ("social awareness" or socialisation or socialization or "social interaction\*" or "social inclusion").ti,ab. (32940)

15 social norm/ or social competence/ or social behavior/ (86100)

16 ("personal development" or "youth development").ti,ab. (3027)

17 ("decision making" or "problem solv\*" or problem-solv\*).ti,ab. (186109)

18 decision making/ (215101)

19 problem solving/ (33166)

20 (bully\* or bullies or anti-bully\* or "anti bully\*" or antibully\* or cyber-bully\* or "cyber bully\*" or cyberbully\* or victimis\* or victimiz\* or stigma or anti-stigma or "anti stigma" or antistigma or prejudice\*).ti,ab. (46985)

21 (delinquen\* or anti-social or "anti social" or antisocial or "conduct disorder\*" or "risky behavio\*" or "problem behavio\*" or (behavio\* adj problem\*)).ti,ab. (48381)

22 (((substance or drug\* or alcohol) adj3 ("use" or abuse or misuse)) and (prevent\* or reduc\*)).ti,ab. (77976)

23 ((exclu\* or expulsion or expel\* or absent\* or truant\* or truancy or conflict or violent or violence or disengage\*) and school\*).ti,ab. (20261)

24 bullying/ or problem behavior/ (10888)

25 ((school\* or academic) adj2 (achieve\* or attain\* or engage\* or progress\* or motivat\* or connectedness or belonging)).ti,ab. (10153)

26 mental health/ (128519)

27 (mental adj2 (health or wellbeing or well-being or "well being" or wellness)).ti,ab. (169306)

28 ((psychological or "psycho social" or psycho-social or psychosocial) adj2 (wellbeing or "well being" or well-being)).ti,ab. (15489)

29 (anxiety or anxious or depression or depressed or depressive or stress).ti,ab. (1478898)

30 or/1-29 (2536950)

31 ("Aban Aya" or "Academic and Behavioural Competency Program\*" or "Active Citizens in Schools" or ACIS or "Adolescent Decision Making Program\*" or "ALERT plus" or "Alcohol Education Package" or "Alcohol Education Program\*" or "Alcohol Screening and Brief Intervention" or "All Stars" or "Al's Pals" or "Alternatives to Trouble" or "Amazing Alternatives" or "Anti-bullying Program\*" or "Attention Academy" or "Aussie Optimism" or BARR or "BBBS Ireland" or "Be the Best You can Be" or "Beat Bullying" or Beatbullying or "Befriending Intervention" or BeyondBlue or "Big Brothers Big Sisters" or "Bounce Back" or "Boys and Girls Club" or "Breathing Awareness Meditation" or "Building Assets Reducing Risks" or "Building Resiliency and Vocational Excellence" or "Bully Proofing" or Bullyproofing or "Bullying Eliminated from Schools Together").ti,ab. (40214)

32 (CAPSLE or CASEL or "Caring School Community" or CharacterPlus or "Child Development Initiative" or "Circle Time" or "Classroom Centred Intervention" or "Classroom Centred Program\*" or "Class-wide Function-based Intervention" or "Climate Schools" or Climb-UP or CMCD or "Coalition for Youth Quality of Life" or "Comer School Development Program\*" or CAPSLE or "Caring School Community" or CharacterPlus or "Child Development Initiative" or "Circle Time" or "Classroom Centred Intervention" or "Classroom Centred Program\*" or "Class-wide Function-based Intervention" or "Climate Schools" or Climb-UP or CMCD or "Coalition for Youth Quality of Life" or "Comer School Development Program\*" or "Communities that Care" or "Community of Caring" or "Competence Support Program\*" or "Competent Kids Caring Communities" or "Conscious Coping" or "Consistency Management and Cooperative Discipline" or "Coping Koala" or "Coping Power" or "Counsellor Peers" or "Creating a Peaceful School Learning Environment" or Cues-ed or CSRP or "Cultivating Awareness and Resilience in Education").ti,ab. (713)

33 ("Early Risers" or "EiE-L" or "Empathic Discipline" or "Empower Youth" or "Engage in Education" or "Expect Respect" or "Expeditionary Learning" or "Facing History and Ourselves" or "Families and Schools Together" or "Family Check-up" or "Family School Partnership" or "Family SEAL" or "Fast Track" or "FearNot\*" or "First Steps to Success" or

"Formalised Peer Mentoring" or "Foundations of Learning" or "Fourth R-Skills" or "Fourth Step" or "Friendly Schools" or "FRIENDS program\*" or FSP or "Gang Resistance Education and Training" or Gatehouse or GBG or "Get Wise" or "Girls First" or "Going for Goals" or "Going Places" or "Good Behaviour Game" or "Grades Attendance and Behaviour" or "Guided Self-change" or HASSP or "Head Start" or "healthy active peaceful playgrounds" or "Healthy for Life" or "Healthy Futures" or "Healthy Lifestyles" or "Healthy Minds in Teenagers" or "Healthy Relationships Training Program\*" or "Healthy Schools and Drugs" or "Here's Looking at You" or HighScope or "Home and School Support Program\*" or "How to Thrive" or "I Can Problem Solve" or ICPS or "ICAN Kids" or "Improving Social Awareness" or "Incredible Years" or "Inner Explorer" or InnerKids or "Inspiring Futures" or "Interpersonal Cognitive Problem Solving Skills" or "In:tuition" or "ISA-SPS" or Jigsaw).ti,ab. (20876) 34 ("Keepin\* It REAL" or "Kia Kaha" or KiVa or "klar bleiben" or "Knightly Virtues" or "Know Your Body" or "Learning for Life" or "Learning to BREATHE" or "Lessons for Living" or "Lessons in Character" or "Life Skills Program\*" or "Life Skills Training" or Lift or "Linking the Interests of Families and Teachers" or "Lions Quest" or "Living with a Purpose" or "Love in a Big World" or LST or "Master Mind" or "Match Model" or "Michigan Model for Health" or "Middle School Success" or "Midwest\* Prevention Project" or "Millennium Volunteers" or "Million Dollar Machine" or "Mind Up" or MindUP or MindfulKids or "Mindfulness in Schools" or MISP or "Mood Gym" or "My Character" or "My Teaching Partner" or "New Beginnings" or Narconon or OBPP or Olweus or "Open Circle" or "Op Volle Kracht" or "Over to You").ti,ab. (16942)

35 (Paths or PATHStoPAX or "Paws B" or "Peace Builders" or "Peace Works" or "Peacemaking Skills for Little Kids" or "Peer Mentoring" or "Peer Acceleration Social Network" or "Penn Resiliency Program\*" or "Personality Risk Factors" or PESSOA or Playworks or Ploughshares or "Positive Action" or "Positive Alternative Learning Support" or "Positive Adolescent Life Skills" or "Positive Youth Development Program\*" or "Preparation through Responsive Education" or "Primary SEAL" or "Prime for Life" or "Proactive Classroom" or Pro-ACT or "Problem Solving Program\*" or Progetto or "Project A.T.T.E.N.D." or "project ALERT" or "project CHARLIE" or "Project Northland" or "Project Pride" or "project SMART" or "Project Based Learning" or "Project STAR" or "Promoting Alternative Thinking Strategies" or "Puppets for Peace" or "Pyramid Project" or "Raising Healthy Children" or RCCP or ReachOut or "Reaching Adolescents for Prevention" or "Reading Apprenticeship" or "Reading, Writing, Respect and Resolution" or "Recognizing, Understanding, Labeling, Expressing and Regulating Emotions" or "Reconnecting Youth" or REDI or "Resilience Program\*" or "Resilient Families" or "Resolving Conflict Creatively" or "Respect Program\*" or "Responsive Classroom" or "Risk Training Skills" or "Rochester Resilience Program\*" or "Resourceful Adolescent Program\*" or "Roots of Empathy" or Rtime or Ruler).ti,ab. (27164) 36 ("Safe and Civil Schools" or "Safe Dates" or "SafERteens" or "Say Yes First" or SBIRT or "School-based Resilience Intervention" or "School Health and Alcohol Harm Reduction Project" or "Second Step" or SS-SSTP or "Secondary SEAL" or "Seattle Social Development Project" or "SEED Scotland" or "Self-determination Program\*" or "Self-management and Resistance Training" or "Service Learning" or "SFP10-14" or SHAHRP or "Siblings are Special" or SIBS or "Skills for Adolescence" or "Skills for Change" or "Skills for Success" or SingUp or "Social Competence Training" or "Social Decision Making" or "Social Norms" or "Social Problem Solving Skills" or "Social Skills Group Intervention\*" or "Social Skills Training" or "South Carolina Program\*" or "Smart Moves" or "S.S.GRIN" or SST or "Steg fur Step" or STAMPP or "STARS for Families" or "Start Taking Alcohol Risks Seriously" or "Staying Calm" or "Step II" or "Steps towards Alcohol Misuse Prevention" or "Talk about Alcohol" or "Stepby-Step" or "Steps to Respect" or "Stop Breathe Be" or "Strengthening Families Program\*" or "Strengths Gym" or "Stress Inoculation Training" or "Stress Management Intervention" or "Student Success Skills" or "Student Success through Prevention" or "Student Threat

Assessment" or "Success for Kids" or SWPBIS or SWPBS or "Teach Team" or "Teen Outreach Program\*" or "Teen Talk" or "Theatre in Education" or "The GOOD life" or "The Incredible Years" or "Think Feel Do" or "Think Well, Do Well" or "Too Good for Violence" or "Tools for Getting Along" or "Tools of the Mind" or "Towards no drug abuse" or "Transition Mentoring" or "Tribes Learning Communities" or "UK Resilience Program\*" or "Unique Minds" or ViSC or "Wise Mind" or Woodrock or YogaKid\* or "Yo Puedo" or "You Can Do It!" or "Youth

Development Project" or "Youth Matters" or "Zippy's Friends" or "21st Century Community Learning" or "4Rs").ti,ab. (48169)

37 (PSHE or "personal social health" or PSE or "personal and social education" or SMSC or "spiritual moral social and cultural").ti,ab. (3007)

38 ("positive behavio\* intervention\*" or "positive behavio\* support" or PBIS).ti,ab. (344)

- 39 ("school-wide positive behavio\* support\*" or SWPBS).ti,ab. (7)
- 40 "relationships and sex education".ti,ab. (12)
- 41 or/31-40 (156443)
- 42 30 and 41 (23219)

43 (mindful\* or meditat\* or yoga).ti,ab. (21736)

- 44 meditation/ or mindfulness/ or yoga/ (17867)
- 45 "life skills".ti,ab. (1431)
- 46 "motivational interview\*".ti,ab. (5666)
- 47 motivational interviewing/ (4463)
- 48 ((brief or opportunist\* or concise or short or direct) adj3 (counsel\* or advice\* or

advise\* or advisor\* or therap\* or support\* or guide\* or guidance\* or intervention\*)).ti,ab. (47702)

49 ((behaviour\* or behavior\* or cognitive) adj3 (technique\* or therap\* or chang\* or modify or modifies or modifying or support\* or intervention\* or session\* or program\* or workshop\*)).ti,ab. (176472)

- 50 counseling/ or directive counseling/ or child psychology/ (78690)
- 51 behavior therapy/ or cognitive behavior therapy/ or play therapy/ (52814)
- 52 (skills adj1 (train\* or teach\* or educat\* or develop\*)).ti,ab. (14681)
- 53 ((peer or pastoral or teacher\*) adj2 (educat\* or support\* or group\* or led)).ti,ab.(17181)

54 (prevent\* and (intervention\* or program\*)).ti,ab. (314082)

- 55 "intervention program\*".ti,ab. (19639)
- 56 "social and emotional learning program\*".ti,ab. (32)
- 57 "play therap\*".ti,ab. (554)
- 58 ("mental health" adj3 (intervention\* or program\*)).ti,ab. (7288)
- 59 ((wellbeing or "well being" or well-being) adj3 (intervention\* or therap\* or program\*)).ti,ab. (2075)
- 60 ((HIIT or fitness or "physical activity") adj2 (intervention or program\*)).ti,ab. (6917)
- 61 ((questionnaire\* or survey\* or self-report\* or "self report\*" or assessment\*) adj3 (school\* or class or classroom\* or pupil\* or student\* or teach\*)).ti,ab. (35109)
- 62 or/43-61 (714540)

63 (classroom\* or "whole class\*" or whole-class\*).ti,ab. (19248)

64 ((multi\*-component or multicomponent or "multi\* component" or universal or brief or "group based" or group-based or groupbased or "group work\*" or group-work\* or groupwork\* or "small group\*" or small-group\* or targeted or selected or indicated) and (intervention\* or program\* or project\* or pilot\* or initiative\* or approach\* or activit\* or lesson\* or curricul\*)).ti,ab. (948574)

65 ("whole school\*" or whole-school\* or wholeschool\* or "school wide" or school-wide or school-based or schoolbased).ti,ab. (14863)

66 (school\* adj3 (ethos or culture or life or environment or governance or policy or policies or leadership or SLT)).ti,ab. (8353)

67 (school\* and (intervention\* or program\*)).ti,ab. (93889)

68 or/63-67 (1044680)

69 62 and 68 (134857)

70 30 and 69 (53834)

71 (school\* or pupil\* or student\* or teach\* or curricul\* or lesson\* or learner\* or learning or syllabus).ti,ab. (1127002)

72 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (10679)

73 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (75)

74 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (204189) curriculum/ or school/ or teaching/ or school teacher/ or school health nursing/ or 75 school health service/ (224552)

76 or/71-75 (1363084)

77 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (3443701)

78 76 not 77 (865054)

79 child behavior/ or child welfare/ or child/ or child development/ or child health/ (1688264)

80 adolescent behavior/ or adolescent development/ or adolescent/ or adolescent health/ (1464911)

81 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preteen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or "school age\*" or school-age\* or schoolage\* or K-12).ti,ab. (2353287)

- 82 or/79-81 (3490540)
- 83 78 and 82 (259040)
- 84 42 or 70 (74066)
- 85 83 and 84 (15436)
- 86 limit 85 to english language (14691)
- 87 86 not (letter or editorial).pt. (14663)

88 (conference abstract or conference paper or conference proceeding or "conference review").pt. (4354691)

89 87 not 88 (12157)

90 elsevier.cr. (25042061)

91 89 and 90 (6611)

92 limit 91 to yr="2007 -Current" (4354)

93 health-economics/ or exp economic-evaluation/ or exp health-care-cost/ or pharmacoeconomics/ or Monte Carlo Method/ or Decision Tree/ (564270)

94 (Economic\* or cost or costs or costly or costing or costed or price or prices or pricing or pharmacoeconomic\* or pharmaco economic\* or budget\*).ti,ab. (994948)

95 ((monte adj carlo) or markov or (decision adj2 (tree\$ or analys\$))).ti,ab. (84047)

96 (value adj2 (money or monetary)).ti,ab. (3094)

97 Quality of Life/ or Quality Adjusted Life Year/ or Quality of Life Index/ or Short Form 36/ or Health Status/ (572829)

98 (quality of life or quality adjusted life or qaly\* or qald\* or qale\* or qtime\* or quality of wellbeing or quality of well-being or willingness to pay or standard gamble\* or time trade off\* or time tradeoff\*).ti,ab. (417850)

99 (disability adjusted life or daly).ti,ab. (4310)

100 Health\* year\* equivalent\*.ti,ab. (41)

101 (sf36 or sf 36 or short form 36 or shortform 36 or sf thirtysix or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six or sf6 or sf 6 or short form 6 or shortform 12 or sf six or sfsix or shortform six or short form twelve or sf12 or sf 12 or short form 12 or shortform 12 or sf twelve or sftwelve or shortform twelve or short form twelve or sf16 or sf 16 or short form 16 or shortform 16 or shortform 20 or shortform 20 or shortform sixteen or shortform twenty or shortform 20 or sf twenty or sftwenty or shortform twenty or short form 20 or sf twenty or shortform twenty or shortform twenty or eurogol or euro gol or eq5d or eq 5d).ti,ab. (66837)

102 or/93-101 (1860640)

103 exp animal/ or exp animal-experiment/ or nonhuman/ (26531187)

104 (rat or rats or mouse or mice or hamster or hamsters or animal or animals or dog or dogs or cat or cats or bovine or sheep).ti,ab,sh. (5567315)

105 exp human/ or human-experiment/ (20212278)

106 103 or 104 (26672520)

107 106 not (106 and 105) (6461118)

108 (comment or editorial or letter or news).pt. (1722309)

109 (((energy or oxygen) adj cost\*) or (metabolic adj cost\*) or ((energy or oxygen) adj expenditure\*)).ti,ab. (37090)

- 110 or/107-109 (8145815)
- 111 102 not 110 (1636693)
- 112 92 and 111 (595)

#### 5.2.3.2 Re-run searches

Re-ran the original search strategy (5.2.3.1) with the following additional final line:

113 limit 112 to dc=20191001-20210722 196

## 5.2.4 Medline

## 5.2.4.1 Original searches

1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) and (wellbeing or well-being or wellness or learn\* or competenc\* or skills)).ti,ab. (70884)

2 ((SEL or SEAL or SEBS or EWB or EMHWB) and (school\* or class\* or curricul\* or intervention\* or program\*)).ti,ab. (1520)

- 3 ("social learner\*" or "social learning").ti,ab. (2306)
- 4 (resilien\* or coping).ti,ab. (62514)
- 5 Adaptation, Psychological/ or Resilience, Psychological/ (94870)

6 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or mindful\*).ti,ab. (76598)

- 7 Emotional Intelligence/ (1918)
- 8 exp Self Concept/ (105504)
- 9 Emotional Adjustment/ or Social Adjustment/ (23556)

10 ((social or interpersonal or communication or relationship\*) adj2 (skill\* or competence\* or attribute\*)).ti,ab. (18502)

- 11 (friendship\* or friends).ti,ab. (24506)
- 12 ((social or peer or peers) adj2 (group\* or network\*)).ti,ab. (23855)
- 13 empathy.ti,ab. (8957)

14 ("social awareness" or socialisation or socialization or "social interaction\*" or "social inclusion").ti,ab. (21738)

- 15 Social Skills/ or Social Behavior/ or Social Values/ (70324)
- 16 ("personal development" or "youth development").ti,ab. (2048)
- 17 ("decision making" or "problem solv\*" or problem-solv\*).ti,ab. (113246)
- 18 Decision Making/ (90672)
- 19 Problem Solving/ (24278)

20 (bully\* or bullies or anti-bully\* or "anti bully\*" or antibully\* or cyber-bully\* or "cyber bully\*" or cyberbully\* or victimis\* or victimiz\* or stigma or anti-stigma or "anti stigma" or antistigma or prejudice\*).ti,ab. (30833)

21 (delinquen\* or anti-social or "anti social" or antisocial or "conduct disorder\*" or "risky behavio\*" or "problem behavio\*" or (behavio\* adj problem\*)).ti,ab. (34480)

22 (((substance or drug\* or alcohol) adj3 ("use" or abuse or misuse)) and (prevent\* or reduc\*)).ti,ab. (46856)

23 ((exclu\* or expulsion or expel\* or absent\* or truant\* or truancy or conflict or violent or violence or disengage\*) and school\*).ti,ab. (12170)

24 bullying/ or cyberbullying/ or problem behavior/ (5281)

25 ((school\* or academic) adj2 (achieve\* or attain\* or engage\* or progress\* or motivat\* or connectedness or belonging)).ti,ab. (7388)

26 Mental Health/ (35026)

(mental adj2 (health or wellbeing or well-being or "well being" or wellness)).ti,ab.(109838)

28 ((psychological or "psycho social" or psycho-social or psychosocial) adj2 (wellbeing or "well being" or well-being)).ti,ab. (9541)

29 (anxiety or anxious or depression or depressed or depressive or stress).ti,ab. (980247)
30 or/1-29 (1656595)

31 ("Aban Aya" or "Academic and Behavioural Competency Program\*" or "Active Citizens in Schools" or ACIS or "Adolescent Decision Making Program\*" or "ALERT plus" or "Alcohol Education Package" or "Alcohol Education Program\*" or "Alcohol Screening and Brief Intervention" or "All Stars" or "Al's Pals" or "Alternatives to Trouble" or "Amazing Alternatives" or "Anti-bullying Program\*" or "Attention Academy" or "Aussie Optimism" or BARR or "BBBS Ireland" or "Be the Best You can Be" or "Beat Bullying" or Beatbullying or "Befriending Intervention" or BeyondBlue or "Big Brothers Big Sisters" or "Bounce Back" or "Boys and Girls Club" or "Breathing Awareness Meditation" or "Building Assets Reducing Risks" or "Building Resiliency and Vocational Excellence" or "Bully Proofing" or Bullyproofing or "Bullying Eliminated from Schools Together").ti,ab. (30656)

32 (CAPSLE or CASEL or "Caring School Community" or CharacterPlus or "Child Development Initiative" or "Circle Time" or "Classroom Centred Intervention" or "Classroom Centred Program\*" or "Class-wide Function-based Intervention" or "Climate Schools" or Climb-UP or CMCD or "Coalition for Youth Quality of Life" or "Comer School Development Program\*" or "Communities that Care" or "Community of Caring" or "Competence Support Program\*" or "Competent Kids Caring Communities" or "Conscious Coping" or "Consistency Management and Cooperative Discipline" or "Coping Koala" or "Coping Power" or "Counsellor Peers" or "Creating a Peaceful School Learning Environment" or Cues-ed or CSRP or "Cultivating Awareness and Resilience in Education").ti,ab. (467)

33 ("Early Risers" or "EiE-L" or "Empathic Discipline" or "Empower Youth" or "Engage in Education" or "Expect Respect" or "Expeditionary Learning" or "Facing History and Ourselves" or "Families and Schools Together" or "Family Check-up" or "Family School Partnership" or "Family SEAL" or "Fast Track" or "FearNot\*" or "First Steps to Success" or "Formalised Peer Mentoring" or "Foundations of Learning" or "Fourth R-Skills" or "Fourth Step" or "Friendly Schools" or "FRIENDS program\*" or FSP or "Gang Resistance Education and Training" or Gatehouse or GBG or "Get Wise" or "Girls First" or "Going for Goals" or "Going Places" or "Good Behaviour Game" or "Grades Attendance and Behaviour" or "Guided Self-change" or HASSP or "Head Start" or "healthy active peaceful playgrounds" or "Healthy for Life" or "Healthy Futures" or "Healthy Lifestyles" or "Healthy Minds in Teenagers" or "Healthy Relationships Training Program\*" or "Healthy Schools and Drugs" or "Here's Looking at You" or HighScope or "Home and School Support Program\*" or "How to Thrive" or "I Can Problem Solve" or ICPS or "ICAN Kids" or "Improving Social Awareness" or "Incredible Years" or "Inner Explorer" or InnerKids or "Inspiring Futures" or "Interpersonal Cognitive Problem Solving Skills" or "In:tuition" or "ISA-SPS" or Jigsaw).ti,ab. (12932) 34 ("Keepin\* It REAL" or "Kia Kaha" or KiVa or "klar bleiben" or "Knightly Virtues" or "Know Your Body" or "Learning for Life" or "Learning to BREATHE" or "Lessons for Living" or "Lessons in Character" or "Life Skills Program\*" or Lift or "Life Skills Training" or "Linking the Interests of Families and Teachers" or "Lions Quest" or "Living with a Purpose" or "Love in a Big World" or LST or "Master Mind" or "Match Model" or "Michigan Model for Health" or "Middle School Success" or "Midwest\* Prevention Project" or "Millennium Volunteers" or "Million Dollar Machine" or "Mind Up" or MindUP or MindfulKids or "Mindfulness in Schools" or MISP or "Mood Gym" or "My Character" or "My Teaching Partner" or "New Beginnings" or Narconon or OBPP or Olweus or "Open Circle" or "Op Volle Kracht" or "Over to You").ti,ab. (10526)

35 (Paths or PATHStoPAX or "Paws B" or "Peace Builders" or "Peace Works" or "Peacemaking Skills for Little Kids" or "Peer Mentoring" or "Peer Acceleration Social Network" or "Penn Resiliency Program\*" or "Personality Risk Factors" or PESSOA or Playworks or Ploughshares or "Positive Action" or "Positive Alternative Learning Support" or "Positive Adolescent Life Skills" or "Positive Youth Development Program\*" or "Preparation through Responsive Education" or "Primary SEAL" or "Prime for Life" or "Proactive Classroom" or Pro-ACT or "Problem Solving Program\*" or Progetto or "Project A.T.T.E.N.D." or "project ALERT" or "project CHARLIE" or "Project Northland" or "Project Pride" or "project SMART" or "Project Based Learning" or "Project STAR" or "Promoting Alternative Thinking Strategies" or "Puppets for Peace" or "Pyramid Project" or "Raising Healthy Children" or RCCP or ReachOut or "Reaching Adolescents for Prevention" or "Reading Apprenticeship" or "Reading, Writing, Repect and Resolution" or "Recognizing, Understanding, Labeling, Expressing and Regulating Emotions" or "Reconnecting Youth" or REDI or "Resilience Program\*" or "Resilient Families" or "Resolving Conflict Creatively" or "Respect Program\*" or "Responsive Classroom" or "Risk Training Skills" or "Rochester Resilience Program\*" or "Resourceful Adolescent Program\*" or "Roots of Empathy" or Rtime or Ruler).ti,ab. (18114) 36 ("Safe and Civil Schools" or "Safe Dates" or "SafERteens" or "Say Yes First" or SBIRT or "School-based Resilience Intervention" or "School Health and Alcohol Harm Reduction Project" or "School-wide Positive Behavioural Interventions and Support" or "Second Step" or SS-SSTP or "Secondary SEAL" or "Seattle Social Development Project" or "SEED Scotland" or "Self-determination Program\*" or "Self-management and Resistance Training" or "Service Learning" or "SFP10-14" or SHAHRP or "Siblings are Special" or SIBS or "Skills for Adolescence" or "Skills for Change" or "Skills for Success" or SingUp or "Social Competence Training" or "Social Decision Making" or "Social Norms" or "Social Problem Solving Skills" or "Social Skills Group Intervention\*" or "Social Skills Training" or "South Carolina Program\*" or "Smart Moves" or "S.S.GRIN" or SST or STAMPP or "Steg fur Steg" or "STARS for Families" or "Start Taking Alcohol Risks Seriously" or "Staying Calm" or "Step II" or "Steps towards Alcohol Misuse Prevention" or "Talk about Alcohol" or "Step-by-Step" or "Steps to Respect" or "Stop Breathe Be" or "Strengthening Families Program\*" or "Strengths Gym" or "Stress Inoculation Training" or "Stress Management Intervention" or "Student Success Skills" or "Student Success through Prevention" or "Student Threat Assessment" or "Success for Kids" or SWPBIS or SWPBS or "Teach Team" or "Teen Outreach Program\*" or "Teen Talk" or "Theatre in Education" or "The GOOD life" or "The Incredible Years" or "Think Feel Do" or "Think Well, Do Well" or "Too Good for Violence" or "Tools for Getting Along" or "Tools of the Mind" or "Towards no drug abuse" or "Transition Mentoring" or "Tribes Learning Communities" or "UK Resilience Program\*" or "Unique Minds" or ViSC or "Wise Mind" or Woodrock or YogaKid\* or "Yo Puedo" or "You Can Do It!" or "Youth Development Project" or "Youth Matters" or "Zippy's Friends" or "21st Century Community Learning" or "4Rs").ti,ab. (30521)

37 (PSHE or "personal social health" or PSE or "personal and social education" or SMSC or "spiritual moral social and cultural").ti,ab. (2146)

38 ("positive behavio\* intervention\*" or "positive behavio\* support" or PBIS).ti,ab. (165)

- 39 ("school-wide positive behavio\* support\*" or SWPBS).ti,ab. (3)
- 40 "relationships and sex education".ti,ab. (4)
- 41 or/31-40 (104919)
- 42 30 and 41 (13536)
- 43 (mindful\* or meditat\* or yoga).ti,ab. (11409)
- 44 Mindfulness/ or Meditation/ or Yoga/ (6897)
- 45 "life skills".ti,ab. (850)
- 46 "motivational interview\*".ti,ab. (3052)
- 47 Motivational Interviewing/ (1598)
- 48 ((brief or opportunist\* or concise or short or direct) adj3 (counsel\* or advice\* or

advise\* or advisor\* or therap\* or support\* or guide\* or guidance\* or intervention\*)).ti,ab. (29901)

49 ((behaviour\* or behavior\* or cognitive) adj3 (technique\* or therap\* or chang\* or modify or modifies or modifying or support\* or intervention\* or session\* or program\* or workshop\*)).ti,ab. (111024)

50 counseling/ or directive counseling/ or child guidance/ or psychology, adolescent/ (50636)

- 51 Behavior Therapy/ or Cognitive Behavioral Therapy/ (50160)
- 52 (skills adj1 (train\* or teach\* or educat\* or develop\*)).ti,ab. (8874)

53 ((peer or pastoral or teacher\*) adj2 (educat\* or support\* or group\* or led)).ti,ab. (10699)

54 (prevent\* and (intervention\* or program\*)).ti,ab. (195057)

55 "intervention program\*".ti,ab. (12955)

56 "social and emotional learning program\*".ti,ab. (17)

57 "play therap\*".ti,ab. (365)

58 ("mental health" adj3 (intervention\* or program\*)).ti,ab. (4980)

59 ((Wellbeing or "well being" or well-being) adj3 (intervention\* or therap\*)).ti,ab. (908)

60 ((HIIT or fitness or "physical activity") adj2 (intervention or program\*)).ti,ab. (4347)

61 ((questionnaire\* or survey\* or self-report\* or "self report\*" or assessment\*) adj3 (school\* or class or classroom\* or pupil\* or student\* or teach\*)).ti,ab. (23084)

62 or/43-61 (451805)

63 (classroom\* or "whole class\*" or whole-class\*).ti,ab. (13328)

64 ((multi\*-component or multicomponent or "multi\* component" or universal or brief or "group based" or group-based or groupbased or "group work\*" or group-work\* or groupwork\* or "small group\*" or small-group\* or targeted) and (intervention\* or program\* or project\* or pilot\* or initiative\* or approach\* or activit\* or lesson\* or curricul\*)).ti,ab. (191151)

65 ("whole school\*" or whole-school\* or wholeschool\* or "school wide" or school-wide or school-based or schoolbased).ti,ab. (10827)

66 (school\* adj3 (ethos or culture or life or environment or governance or policy or policies or leadership or SLT)).ti,ab. (5560)

67 (school\* and (intervention\* or program\*)).ti,ab. (62625)

68 or/63-67 (264908)

69 62 and 68 (57161)

70 30 and 69 (24071)

71 (school\* or pupil\* or student\* or teach\* or curricul\* or lesson\* or learner\* or learning or syllabus).ti,ab. (746128)

72 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (4601)

73 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (50)

74 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (99083) 75 curriculum/ or schools/ or teaching/ or school health services/ or school nursing/ or school teachers/ (161538)

76 or/71-75 (876281)

77 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or
"teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (2139656)
78 76 not 77 (562561)

79 exp Child/ or exp Child Behavior/ or Child Health/ or Child Welfare/ or Child Development/ (1867803)

80 Adolescent Behavior/ or Adolescent/ or Adolescent Health/ or Adolescent Development/ (1959165)

81 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preadolescen\* or preadolescen\* or pre-teen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or student\* or pupil\* or "school age\*" or school-age\* or schoolage\*).ti,ab. (1872645)

- 82 or/79-81 (3601582)
- 83 78 and 82 (273757)
- 84 42 or 70 (36018)
- 85 83 and 84 (11544)

86 limit 85 to english language (11005)

87 limit 86 to (letter or historical article or comment or editorial or news or case reports) (174)

88 86 not 87 (10831)

89 limit 88 to yr="2007 -Current" (7269)

90 Economics/ or exp "Costs and Cost Analysis"/ or Economics, Dental/ or exp Economics, Hospital/ or exp Economics, Medical/ or Economics, Nursing/ or Economics, Pharmaceutical/ or Budgets/ or exp Models, Economic/ or Markov Chains/ or Monte Carlo Method/ or Decision Trees/ (334678)

91 (Economic\* or cost or costs or costly or costing or costed or price or prices or pricing or pharmacoeconomic\* or pharmaco economic\* or budget\*).ti,ab. (621029)

92 ((monte adj carlo) or markov or (decision adj2 (tree\$ or analys\$))).ti,ab. (51561)

93 (value adj2 (money or monetary)).ti,ab. (1851)

94 Quality of Life/ or Health Status Indicators/ or Quality-Adjusted Life Years/ or Value of Life/ (213118)

95 (quality of life or quality adjusted life or qaly\* or qald\* or qale\* or qtime\* or quality of wellbeing or quality of well-being or willingness to pay or standard gamble\* or time trade off\* or time tradeoff\*).ti,ab. (218108)

96 (disability adjusted life or daly).ti,ab. (2762)

97 health\* year\* equivalent\*.ti,ab. (38)

98 (sf36 or sf 36 or short form 36 or shortform 36 or sf thirtysix or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).ti,ab. (21390)

99 (sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six).ti,ab. (1272)

100 (sf12 or sf 12 or short form 12 or shortform 12 or sf twelve or sftwelve or shortform twelve).ti,ab. (4537)

101 (sf16 or sf 16 or short form 16 or shortform 16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).ti,ab. (28)

102 (sf20 or sf 20 or short form 20 or shortform 20 or sf twenty or sftwenty or shortform twenty).ti,ab. (373)

103 (euroqol or euro qol or eq5d or eq 5d).ti,ab. (8003)

104 or/90-103 (1069871)

105 (((energy or oxygen) adj cost\*) or (metabolic adj cost\*) or ((energy or oxygen) adj expenditure\*)).ti,ab. (26180)

- 106 Animals/ not humans/ (4587128)
- 107 (comment or editorial or letter or news).pt. (1794801)
- 108 or/105-107 (6326306)
- 109 104 not 108 (949298)
- 110 89 and 109 (888)

#### 5.2.4.2 Re-run searches

Re-ran the original search strategy (5.2.4.1) with the following additional final line:

111 limit 110 to ed=20191001-20210722 267

## 5.2.5 Medline in Process

#### 5.2.5.1 Original searches

1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) and (wellbeing or well-being or wellness or learn\* or competenc\* or skills)).ti,ab. (13391)

2 ((SEL or SEAL or SEBS or EWB or EMHWB) and (school\* or class\* or curricul\* or intervention\* or program\*)).ti,ab. (217)

- 3 ("social learner\*" or "social learning").ti,ab. (383)
- 4 (resilien\* or coping).ti,ab. (11301)

5 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or mindful\*).ti,ab. (14382)

6 ((social or interpersonal or communication or relationship\*) adj2 (skill\* or competence\* or attribute\*)).ti,ab. (2823)

- 7 (friendship\* or friends).ti,ab. (3745)
- 8 ((social or peer or peers) adj2 (group\* or network\*)).ti,ab. (4474)
- 9 empathy.ti,ab. (1756)

10 ("social awareness" or socialisation or socialization or "social interaction\*" or "social inclusion").ti,ab. (3843)

11 ("personal development" or "youth development").ti,ab. (322)

12 ("decision making" or "problem solv\*" or problem-solv\*).ti,ab. (20035)

13 (bully\* or bullies or anti-bully\* or "anti bully\*" or antibully\* or cyber-bully\* or "cyber bully\*" or cyberbully\* or victimis\* or victimiz\* or stigma or anti-stigma or "anti stigma" or antistigma or prejudice\*).ti,ab. (5744)

14 (delinquen\* or anti-social or "anti social" or antisocial or "conduct disorder\*" or "risky behavio\*" or "problem behavio\*" or (behavio\* adj problem\*)).ti,ab. (3784)

15 (((substance or drug\* or alcohol) adj3 ("use" or abuse or misuse)) and (prevent\* or reduc\*)).ti,ab. (6396)

16 ((exclu\* or expulsion or expel\* or absent\* or truant\* or truancy or conflict or violent or violence or disengage\*) and school\*).ti,ab. (1708)

17 ((school\* or academic) adj2 (achieve\* or attain\* or engage\* or progress\* or motivat\* or connectedness or belonging)).ti,ab. (1340)

18 (mental adj2 (health or wellbeing or well-being or "well being" or wellness)).ti,ab. (18949)

19 ((psychological or "psycho social" or psycho-social or psychosocial) adj2 (wellbeing or "well being" or well-being)).ti,ab. (1692)

20 (anxiety or anxious or depression or depressed or depressive or stress).ti,ab. (133143)
 21 or/1-20 (209871)

22 ("Aban Aya" or "Academic and Behavioural Competency Program\*" or "Active Citizens in Schools" or ACIS or "Adolescent Decision Making Program\*" or "ALERT plus" or "Alcohol Education Package" or "Alcohol Education Program\*" or "Alcohol Screening and Brief Intervention" or "All Stars" or "Al's Pals" or "Alternatives to Trouble" or "Amazing Alternatives" or "Anti-bullying Program\*" or "Attention Academy" or "Aussie Optimism" or BARR or "BBBS Ireland" or "Be the Best You can Be" or "Beat Bullying" or Beatbullying or "Befriending Intervention" or BeyondBlue or "Big Brothers Big Sisters" or "Bounce Back" or "Boys and Girls Club" or "Breathing Awareness Meditation" or "Building Assets Reducing Risks" or "Building Resiliency and Vocational Excellence" or "Bully Proofing" or Bullyproofing or "Bullying Eliminated from Schools Together").ti,ab. (2358)

23 (CAPSLE or CASEL or "Caring School Community" or CharacterPlus or "Child Development Initiative" or "Circle Time" or "Classroom Centred Intervention" or "Classroom Centred Program\*" or "Class-wide Function-based Intervention" or "Climate Schools" or Climb-UP or CMCD or "Coalition for Youth Quality of Life" or "Comer School Development Program\*" or "Communities that Care" or "Community of Caring" or "Competence Support Program\*" or "Competent Kids Caring Communities" or "Conscious Coping" or "Consistency Management and Cooperative Discipline" or "Coping Koala" or "Coping Power" or "Counsellor Peers" or "Creating a Peaceful School Learning Environment" or Cues-ed or CSRP or "Cultivating Awareness and Resilience in Education").ti,ab. (80)

24 ("Early Risers" or "EiE-L" or "Empathic Discipline" or "Empower Youth" or "Engage in Education" or "Expect Respect" or "Expeditionary Learning" or "Facing History and Ourselves" or "Families and Schools Together" or "Family Check-up" or "Family School Partnership" or "Family SEAL" or "Fast Track" or "FearNot\*" or "First Steps to Success" or "Formalised Peer Mentoring" or "Foundations of Learning" or "Fourth R-Skills" or "Fourth Step" or "Friendly Schools" or "FRIENDS program\*" or FSP or "Gang Resistance Education and Training" or Gatehouse or GBG or "Get Wise" or "Girls First" or "Going for Goals" or "Going Places" or "Good Behaviour Game" or "Grades Attendance and Behaviour" or "Guided Self-change" or HASSP or "Head Start" or "healthy active peaceful playgrounds" or "Healthy for Life" or "Healthy Futures" or "Healthy Lifestyles" or "Healthy Minds in Teenagers" or "Healthy Relationships Training Program\*" or "Healthy Schools and Drugs" or "Here's Looking at You" or HighScope or "Home and School Support Program\*" or "How to Thrive" or "I Can Problem Solve" or ICPS or "ICAN Kids" or "Improving Social Awareness" or "Incredible Years" or "Inner Explorer" or InnerKids or "Inspiring Futures" or "Interpersonal Cognitive Problem Solving Skills" or "In:tuition" or "ISA-SPS" or Jigsaw).ti,ab. (2578) ("Keepin\* It REAL" or "Kia Kaha" or KiVa or "klar bleiben" or "Knightly Virtues" or "Know 25 Your Body" or "Learning for Life" or "Learning to BREATHE" or "Lessons for Living" or "Lessons in Character" or "Life Skills Program\*" or "Life Skills Training" or Lift or "Linking the Interests of Families and Teachers" or "Lions Quest" or "Living with a Purpose" or "Love in a Big World" or LST or "Master Mind" or "Match Model" or "Michigan Model for Health" or "Middle School Success" or "Midwest\* Prevention Project" or "Millennium Volunteers" or "Million Dollar Machine" or "Mind Up" or MindUP or MindfulKids or "Mindfulness in Schools" or MISP or "Mood Gym" or "My Character" or "My Teaching Partner" or "New Beginnings" or Narconon or OBPP or Olweus or "Open Circle" or "Op Volle Kracht" or "Over to You").ti,ab. (2544)

26 (Paths or PATHStoPAX or "Paws B" or "Peace Builders" or "Peace Works" or "Peacemaking Skills for Little Kids" or "Peer Mentoring" or "Peer Acceleration Social Network" or "Penn Resiliency Program\*" or "Personality Risk Factors" or PESSOA or Playworks or Ploughshares or "Positive Action" or "Positive Alternative Learning Support" or "Positive Adolescent Life Skills" or "Positive Youth Development Program\*" or "Preparation through Responsive Education" or "Primary SEAL" or "Prime for Life" or "Proactive Classroom" or Pro-ACT or "Problem Solving Program\*" or Progetto or "Project A.T.T.E.N.D." or "project ALERT" or "project CHARLIE" or "Project Northland" or "Project Pride" or "project SMART" or "Project Based Learning" or "Project STAR" or "Promoting Alternative Thinking Strategies" or "Puppets for Peace" or "Pyramid Project" or "Raising Healthy Children" or RCCP or ReachOut or "Reaching Adolescents for Prevention" or "Reading Apprenticeship" or "Reading, Writing, Repect and Resolution" or "Recognizing, Understanding, Labeling, Expressing and Regulating Emotions" or "Reconnecting Youth" or REDI or "Resilience Program\*" or "Resilient Families" or "Resolving Conflict Creatively" or "Respect Program\*" or "Responsive Classroom" or "Risk Training Skills" or "Rochester Resilience Program\*" or "Resourceful Adolescent Program\*" or "Roots of Empathy" or Rtime or Ruler).ti,ab. (6987) ("Safe and Civil Schools" or "Safe Dates" or "SafERteens" or "Say Yes First" or SBIRT or 27 "School-based Resilience Intervention" or "School Health and Alcohol Harm Reduction Project" or "School-wide Positive Behavioural Interventions and Support" or "Second Step" or SS-SSTP or "Secondary SEAL" or "Seattle Social Development Project" or "SEED Scotland" or "Self-determination Program\*" or "Self-management and Resistance Training" or "Service Learning" or "SFP10-14" or SHAHRP or "Siblings are Special" or SIBS or "Skills for Adolescence" or "Skills for Change" or "Skills for Success" or SingUp or "Social Competence Training" or "Social Decision Making" or "Social Norms" or "Social Problem Solving Skills" or "Social Skills Group Intervention\*" or "Social Skills Training" or "South Carolina Program\*" or "Smart Moves" or "S.S.GRIN" or SST or "Steg fur Steg" or STAMPP or "STARS for Families" or "Start Taking Alcohol Risks Seriously" or "Staying Calm" or "Step II" or "Steps towards Alcohol Misuse Prevention" or "Talk about Alcohol" or "Step-by-Step" or "Steps to Respect" or "Stop Breathe Be" or "Strengthening Families Program\*" or "Strengths Gym" or "Stress Inoculation Training" or "Stress Management Intervention" or "Student Success Skills" or "Student Success through Prevention" or "Student Threat Assessment" or "Success for Kids" or SWPBIS or SWPBS or "Teach Team" or "Teen Outreach Program\*" or "Teen Talk" or "Theatre in Education" or "The GOOD life" or "The Incredible Years" or "Think Feel Do" or "Think Well, Do Well" or "Too Good for Violence" or "Tools for Getting Along" or "Tools of the Mind" or "Towards no drug abuse" or "Transition Mentoring" or "Tribes Learning Communities" or "UK Resilience Program\*" or "Unique Minds" or ViSC or "Wise Mind" or Woodrock or YogaKid\* or "Yo Puedo" or "You Can Do It!" or "Youth Development Project" or "Youth Matters" or "Zippy's Friends" or "21st Century Community Learning" or "4Rs").ti,ab. (5871)

28 (PSHE or "personal social health" or PSE or "personal and social education" or SMSC or "spiritual moral social and cultural").ti,ab. (462)

- 29 ("positive behavio\* intervention\*" or "positive behavio\* support" or PBIS).ti,ab. (95)
- 30 ("school-wide positive behavio\* support\*" or SWPBS).ti,ab. (1)
- 31 "relationships and sex education".ti,ab. (0)
- 32 or/22-31 (20810)
- 33 21 and 32 (2305)
- 34 (mindful\* or meditat\* or yoga).ti,ab. (3540)
- 35 "life skills".ti,ab. (159)
- 36 "motivational interview\*".ti,ab. (585)

37 ((brief or opportunist\* or concise or short or direct) adj3 (counsel\* or advice\* or advise\* or advisor\* or therap\* or support\* or guide\* or guidance\* or intervention\*)).ti,ab.
 (4075)

38 ((behaviour\* or behavior\* or cognitive) adj3 (technique\* or therap\* or chang\* or modify or modifies or modifying or support\* or intervention\* or session\* or program\* or workshop\*)).ti,ab. (18452)

39 (skills adj1 (train\* or teach\* or educat\* or develop\*)).ti,ab. (1440)

40 ((peer or pastoral or teacher\*) adj2 (educat\* or support\* or group\* or led)).ti,ab. (1896)

41 (prevent\* and (intervention\* or program\*)).ti,ab. (28497)

42 "intervention program\*".ti,ab. (1966)

43 "social and emotional learning program\*".ti,ab. (9)

44 "play therap\*".ti,ab. (39)

45 ("mental health" adj3 (intervention\* or program\*)).ti,ab. (1079)

46 ((Wellbeing or "well being" or well-being) adj3 (intervention\* or therap\*)).ti,ab. (210)

47 ((HIIT or fitness or "physical activity") adj2 (intervention or program\*)).ti,ab. (836)

48 ((questionnaire\* or survey\* or self-report\* or "self report\*" or assessment\*) adj3 (school\* or class or classroom\* or pupil\* or student\* or teach\*)).ti,ab. (3494)

49 or/34-48 (60329)

50 (classroom\* or "whole class\*" or whole-class\*).ti,ab. (2512)

51 ((multi\*-component or multicomponent or "multi\* component" or universal or brief or "group based" or group-based or groupbased or "group work\*" or group-work\* or groupwork\* or "small group\*" or small-group\* or targeted) and (intervention\* or program\* or project\* or pilot\* or initiative\* or approach\* or activit\* or lesson\* or curricul\*)).ti,ab. (34412)

52 ("whole school\*" or whole-school\* or wholeschool\* or "school wide" or school-wide or school-wide or "school based" or school-based or schoolbased).ti,ab. (1618)

53 (school\* adj3 (ethos or culture or life or environment or governance or policy or policies or leadership or SLT)).ti,ab. (833)

54 (school\* and (intervention\* or program\*)).ti,ab. (8901)

55 or/50-54 (45277)

56 49 and 55 (9072)

57 21 and 56 (3993)

58 (school\* or pupil\* or student\* or teach\* or curricul\* or lesson\* or learner\* or learning or syllabus).ti,ab. (118308)

59 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (699)

60 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (7)

61 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (12755)

62 or/58-61 (128619)

63 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (289842)

64 62 not 63 (84578)

65 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preadolescen\* or preadolescen\* or pre-teen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or student\* or pupil\* or "school age\*" or school-age\* or schoolage\*).ti,ab. (209446)

66 64 and 65 (33091)

67 33 or 57 (6043)

68 66 and 67 (1701)

69 limit 68 to english language (1685)

70 limit 69 to yr="2007 -Current" (1575)

71 Economics/ or exp "Costs and Cost Analysis"/ or Economics, Dental/ or exp Economics, Hospital/ or exp Economics, Medical/ or Economics, Nursing/ or Economics, Pharmaceutical/ or Budgets/ or exp Models, Economic/ or Markov Chains/ or Monte Carlo Method/ or Decision Trees/ (0)

72 (Economic\* or cost or costs or costly or costing or costed or price or prices or pricing or pharmacoeconomic\* or pharmaco economic\* or budget\*).ti,ab. (122903)

73 ((monte adj carlo) or markov or (decision adj2 (tree\$ or analys\$))).ti,ab. (20953)

74 (value adj2 (money or monetary)).ti,ab. (325)

75 Quality of Life/ or Health Status Indicators/ or Quality-Adjusted Life Years/ or Value of Life/ (0)

76 (quality of life or quality adjusted life or qaly\* or qald\* or qale\* or qtime\* or quality of wellbeing or quality of well-being or willingness to pay or standard gamble\* or time trade off\* or time tradeoff\*).ti,ab. (36290)

77 (disability adjusted life or daly).ti,ab. (524)

78 health\* year\* equivalent\*.ti,ab. (2)

79 (sf36 or sf 36 or short form 36 or shortform 36 or sf thirtysix or sf thirty six or shortform thirtysix or short form thirty six or short form thirty six).ti,ab. (2514)

80 (sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six).ti,ab. (705)

81 (sf12 or sf 12 or short form 12 or shortform 12 or sf twelve or sftwelve or shortform twelve).ti,ab. (705)

82 (sf16 or sf 16 or short form 16 or shortform 16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).ti,ab. (4)

83 (sf20 or sf 20 or short form 20 or shortform 20 or sf twenty or sftwenty or shortform twenty).ti,ab. (17)

84 (euroqol or euro qol or eq5d or eq 5d).ti,ab. (1561)

85 or/71-84 (174939)

86 (((energy or oxygen) adj cost\*) or (metabolic adj cost\*) or ((energy or oxygen) adj expenditure\*)).ti,ab. (3398)

87 Animals/ not humans/ (0)

88 (comment or editorial or letter or news).pt. (146932)

- 89 or/86-88 (150296)
- 90 85 not 89 (171584)
- 91 70 and 90 (183)

#### 5.2.5.2 Re-run searches

Re-ran the original search strategy (5.2.5.1) with the following additional final line:

92 limit 91 to dt=20191001-20210722 41

## 5.2.6 NHS EED & HTA

#### 5.2.6.1 Original searches

1 (((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) and (wellbeing or well-being or wellness or learn\* or competenc\* or skills))) OR (((SEL or SEAL or SEBS or EWB or EMHWB) and (school\* or class\* or curricul\* or intervention\* or program\*))) OR (("social learner\*" or "social learning" or resilien\* or coping)) 1170

2 MeSH DESCRIPTOR Adaptation, Psychological 202

3 ( (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or mindful\*)) OR (((social or interpersonal or communication or relationship\*) adj2 (skill\* or competence\* or attribute\*))) 1108

4 MeSH DESCRIPTOR emotional intelligence 4

5 MeSH DESCRIPTOR self concept EXPLODE ALL TREES 155

6 MeSH DESCRIPTOR Emotional Adjustment 0

7 MeSH DESCRIPTOR Social Adjustment 56

8 (friendship\* or friends or empathy) OR (((social or peer or peers) adj2 (group\* or

network\*))) OR ("social awareness" or socialisation or socialization or "social interaction\*" or "social inclusion") 447

9 MeSH DESCRIPTOR Social Skills 1

10 MeSH DESCRIPTOR Social Behavior 60

11 MeSH DESCRIPTOR Social Values 15

12 (("personal development" or "youth development")) OR (("decision making" or "problem solv\*" or problem-solv\*)) 1496

13 MeSH DESCRIPTOR Decision Making 359

14 MeSH DESCRIPTOR Problem Solving 48

15 ((bully\* or bullies or anti-bully\* or "anti bully\*" or antibully\* or cyber-bully\* or "cyber bully\*" or cyberbully\* or victimis\* or victimiz\* or stigma or anti-stigma or "anti stigma" or antistigma or prejudice\*)) OR ( (delinquen\* or anti-social or "anti social" or antisocial or "conduct disorder\*" or "risky behavio\*" or "problem behavio\*" or (behavio\* adj problem\*))) OR (((exclu\* or expulsion or expel\* or absent\* or truant\* or truancy or conflict or violent or violence or disengage\*) and school\*)) 1005

16 MeSH DESCRIPTOR Bullying 3

17 MeSH DESCRIPTOR Problem Behavior 2

18 (((school\* or academic) adj2 (achieve\* or attain\* or engage\* or progress\* or motivat\* or connectedness or belonging))) 33

19 MeSH DESCRIPTOR Mental Health 158

20 ((mental adj2 (health or wellbeing or well-being or "well being" or wellness))) OR (((psychological or "psycho social" or psycho-social or psychosocial) adj2 (wellbeing or "well

being" or well-being))) OR ((anxiety or anxious or depression or depressed or depressive or stress)) 5558

21 (#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20) IN NHSEED, HTA FROM 2007 TO 2019 1477 22 (school\* or pupil\* or student\* or teach\* or curricul\* or lesson\* or learner\* or learning or syllabus) OR (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preadolescen\* or preadolescen\* or pre-teen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or student\* or pupil\* or "school age\*" or school-age\* or schoolage\*) 14635 23 #21 AND #22 IN NHSEED 213 24 #21 AND #22 IN HTA 158

#### 5.2.6.2 Re-run searches

NHS EED has not been updated since March 2015 so has not been searched again for this update.

Original strategy was rerun in CRD for HTA with date limits of 2019-2021 applied, no results were returned.

# 6.Website browsing

# 6.1 Effectiveness searches

Website	
Name	Research in Practice
URL	www.rip.org.uk/
Date searched	26/09/19
Searcher	RA
Search terms	browsed the following publication types:
(including any	Strategic briefings
specific	Research reviews and summaries
sections	Evidence scopes
browsed)	
Results	<ul> <li>Defragmenting CAMHS - commissioning the children and young people's mental health system: Strategic Briefing (2018)</li> <li>Risk-taking adolescents and child protection: Strategic Briefing (2014)</li> <li>The education of young people who offend</li> <li>Children who have experienced bullying</li> <li>Voice of the child: Evidence Review (2015)</li> <li>Under the Influence? Young people, alcohol and offending: Research Review (2008)</li> <li>Disengagement and Re-engagement of Young People in Learning at Key Stage 3</li> <li>That Difficult Age: Developing a more effective response to risks in adolescence: Evidence Scope (2015)</li> </ul>
1 <sup>st</sup> re-run	Browsed 'all publications' for relevant results published since
09/09/2020	26/09/2019:
	Developing trauma-informed practices in inner London schools - the iTIPS Pilot
2 <sup>nd</sup> re-run	Browsed 'all publications' for relevant results published since
13/07/2021	01/09/2020
	No relevant results

Website	
Name	National Foundation for Educational Research
URL	www.nfer.ac.uk/
Date searched	26/09/19
Searcher	RA
Search terms (including any specific sections browsed)	Browsed publication section for any paper published since 2007 listed under the following categories: Citizenship Engagement Family community and society Health and wellbeing Vulnerable groups
Results	<ul> <li>Being Present: the Power of Attendance and Stability for Disadvantaged Pupils</li> <li>Families and Schools Together (FAST): Evaluation report and executive summary</li> </ul>

	<ul> <li>Supporting the Attainment of Disadvantaged Pupils: Articulating Success and Good Practice</li> </ul>
	<ul> <li>Supporting the Attainment of Disadvantaged Pupils: Briefing for School Leaders</li> </ul>
	<ul> <li>Evaluation of the Alcohol Education Trust's Talk About Alcohol Intervention: Longer-term Follow Up</li> </ul>
	<ul> <li>Young People and e-safety: The Results of the 2015 London Grid for Learning e-safety Survey</li> </ul>
	<ul> <li>Randomised Trial Evaluation of the In:tuition Programme</li> </ul>
	<ul> <li>'Teachers Want To Teach and Not Be Social Workers': Key</li> </ul>
	<ul> <li>Messages About Neglect and Early Intervention for Schools</li> <li>Talk About Alcohol: An evaluation of the Alcohol Education</li> </ul>
	Trust's intervention in secondary schools
	Effectiveness of School-Based Life-Skills and Alcohol Education     Programmes: A Review of the Literature
	<ul> <li>Sticks and Stones May Break my Bones, but being left on my own is worse: An analysis of reported bullying at school within NFER attitude surveys</li> </ul>
	<ul> <li>Developing School Counselling Services for Children and Young People in Wales</li> </ul>
	<ul> <li>Teaching Approaches That Help to Build Resilience to Extremism Among Young People</li> </ul>
	<ul> <li>Children and Young People's Views of Education Policy</li> </ul>
	The Role of Primary Mental Health Workers in Education
	Evaluation of the Children in Trouble Programme
	Embedding Citizenship Education in Secondary Schools in
	England (2002-08): Citizenship Education Longitudinal Study
	<ul><li>seventh annual report</li><li>The Effects of the School Environment on Young People's</li></ul>
	Attitudes Towards Education and Learning: Summary Report
	Secondary Social, Emotional and Behavioural Skills (SEBS) Pilot
	Evaluation
1 <sup>st</sup> re-run	Browsed publication section for any paper published since
15/09/2020	26/09/2019 listed under the following categories:
	Citizenship
	Engagement
	Family community and society
	Health and wellbeing
	Transition
	vulnerable groups
	<ul> <li>Home learning during Covid-19: Findings from the Understanding Society Longitudinal Study</li> </ul>
2 <sup>nd</sup> re-run	Browsed publication section for any paper published since
13/07/2021	26/09/2019 listed under the following categories:
	Citizenship
	Engagement
	Family community and society Health and wellbeing
	Transition
	Vulnerable groups
	Evaluation of philosophy for children: An effectiveness trial
	<ul> <li>A brighter future: The impact of the DofE on young people's</li> </ul>
	mental health and wellbeing

•	Understanding the challenges for evidence-informed school improvement support in disadvantaged schools: an exploratory study
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Website	
Name	PSHE Association
URL	www.pshe-association.org.uk/
Date searched	26/09/19
Searcher	RA
Search terms	Searches for following terms:
(including any	social emotional
specific	Mental health
sections	Resilience
browsed)	Coping
	Mindfulness
	Bullying Life skills
	Therapy
	Counselling
	Intervention
	Prevention
	RSE
	SEL
	SMSC
	Spiritual moral cultural SWPBS
	Positive behaviour
	(limited to resources produced by PSHE Association and by 2007
	onwards)
	Only identified key policy / guidance documents
Results	Key principles of effective prevention education - produced by
	the PSHE Association on behalf of CEOP
	<ul> <li>Evidence briefing: PSHE education, pupil wellbeing and safety at school</li> </ul>
	Guidance on teaching about mental health and emotional
	wellbeing
	A curriculum for life: the case for statutory PSHE education
	<ul> <li>PSHE Association briefing on the social mobility case for statutary DSUE</li> </ul>
	<ul> <li>statutory PSHE</li> <li>Sex and Relationship Education (SRE) for the 21st century</li> </ul>
	<ul> <li>Relationships Education and RSE: guides to supporting parental</li> </ul>
	engagement
	<ul> <li>PSHE Education and young people's voices</li> </ul>
1 <sup>st</sup> re-run	Re-ran original search terms, limited to resources produced by
15/09/2020	PSHE Association and 26/09/2019 onwards. Only identified key
	policy / guidance documents
	Also reviewed the Coronavirus Hub section added to the website
	since first searches.

	<ul> <li>Personal and Social Education (PSE) in Wales - how the PSHE Association can support teachers and schools</li> <li>Back to school support pack SK1-2</li> <li>Back to school support pack KS3-5</li> <li>Adapting lessons for home learning</li> <li>Guide for PSHE leads in the event of school closures</li> <li>Discussing coronavirus (COVID-19) with children and young people</li> </ul>
2 <sup>nd</sup> re-run 13/07/2021	Searched all case studies, guidance documents, planning and audit tools, quality assured and school policy documents from 01/09/2020 onwards limited to resources produced by PSHE Association
	<ul> <li>Only identified key policy / guidance documents</li> <li>Guidance on preventing sexual harassment in schools</li> <li>Drug and alcohol education guidance for school governors</li> <li>Drug and Alcohol education — teacher guidance &amp; evidence review</li> <li>Monitoring &amp; evaluating PSHE education (primary &amp; secondary)</li> </ul>

Website	
Name	Public Health England
URL	https://www.gov.uk/government/organisations/public-health- england
Date searched	27/09/19
Searcher	RA
Search terms (including any specific sections browsed)	Social emotional wellbeing school Limited to 2007 onwards and guidance / research / policy publication types
Results	<ul> <li>Promoting children and young people's emotional health and wellbeing</li> <li>How healthy behaviour supports children's wellbeing</li> <li>The wellbeing of 15-year-olds: analysis of the What About YOUth? Survey</li> <li>Health behaviour in school age children (HBSC): data analysis</li> <li>The link between pupil health and wellbeing and attainment</li> </ul>
1 <sup>st</sup> re-run 25/09/2020	<ul> <li>Searched gov.uk website.</li> <li>Filtered to: <ul> <li>PHE</li> <li>Guidance &amp; regulation or Research &amp; statistics or Policy papers &amp; consultations</li> <li>Updated after 27<sup>th</sup> September 2019</li> <li>COVID-19: guidance on supporting children and young people's mental health and wellbeing</li> <li>Vulnerability in childhood: a public health informed approach</li> <li>Local action on health inequalities:</li> <li>Evidence review 2: Building children and young people's resilience in schools</li> </ul> </li> </ul>
	<ul> <li>Briefing 2: Building children and young people's resilience in schools</li> <li>What works in schools and colleges to increase physical activity</li> <li>2020 child health profiles</li> <li>Children and young people's mental health: prevention evidence</li> </ul>
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2 <sup>nd</sup> re-run 13/07/2021	Searched gov.uk website. Filtered to: PHE Guidance & regulation Research & statistics (education, training & skills) Policy papers & consultations
	<ul> <li>Updated after 01/09/2020</li> <li>Promoting children and young people's emotional health and wellbeing (last updated Feb 2021)</li> </ul>

Website	
Name	Department of Health and Social Care
URL	https://www.gov.uk/government/organisations/department-of- health-and-social-care
Date searched	27/09/19
Searcher	RA
Search terms	Social emotional wellbeing
(including any	school
specific	Limited to 2007 onwards and guidance / research / policy
sections	publication types
browsed) Results	<ul> <li>Improving mental health services for young people</li> <li>School nursing: public health services</li> <li>Wellbeing and health policy</li> <li>Helping school nurses to tackle child sexual exploitation</li> <li>Healthy Child Programme: 5 to 19 years old</li> <li>SEND code of practice: 0 to 25 years</li> <li>Transforming children and young people's mental health provision: a green paper</li> </ul>
1 <sup>st</sup> rerun 29/09/2020	Searched gov.uk website.
	<ul> <li>Filtered to:</li> <li>Department of Health and Social Care</li> <li>Guidance &amp; regulation or Research &amp; statistics or Policy papers &amp; consultations</li> <li>Updated after 27<sup>th</sup> September 2019</li> <li>No relevant results</li> </ul>
2 <sup>nd</sup> re-run 13/07/2021	Searched gov.uk website.
	<ul> <li>Filtered to:</li> <li>Department of Health and Social Care</li> <li>Guidance &amp; regulation or Research &amp; statistics or Policy papers &amp; consultations</li> <li>Updated after 01/09/2020</li> </ul>

•	No relevant results

Website		
Name	Department for Education	
URL	https://www.gov.uk/government/organisations/department-for- education	
Date searched	27/09/19	
Searcher	RA	
Search terms (including any specific sections browsed)	Social emotional wellbeing Limited to 2007 onwards and guidance / research / policy publication types	
Results	<ul> <li>Social and emotional aspects of learning (SEAL) programme in secondary schools: national evaluation</li> <li>The relationship between SLCN and behavioural difficulties</li> <li>Relationships education, relationships and sex education (RSE) and health education</li> <li>Long-term effects of childhood bereavement: preliminary analysis of the 1970 British cohort study</li> <li>PSHE education: a review of impact and effective practice</li> <li>School snapshot survey: winter 2018</li> <li>Guidance for schools about setting up and improving counselling services for pupils</li> <li>Mental health and wellbeing provision in schools</li> <li>Childhood wellbeing: a brief overview</li> <li>The wellbeing of secondary school pupils with SEN</li> <li>Supporting mental health in schools and colleges</li> <li>Children's and young people's voices on their wellbeing</li> <li>Understanding child and adolescent wellbeing: a system map</li> <li>UK resilience programme evaluation: final report</li> </ul>	
1 <sup>st</sup> re-run 25/09/2020	<ul> <li>Searched gov.uk website.</li> <li>Filtered to: <ul> <li>Department for Education</li> <li>Guidance &amp; regulation or Research &amp; statistics or Policy papers &amp; consultations</li> <li>Updated after 27<sup>th</sup> September 2019</li> <li>Teaching about relationships, sex and health</li> <li>Teacher training: changing adolescent body</li> <li>Teacher training: online relationships and media</li> <li>Teacher training: respectful relationships</li> <li>Teacher training: intimate and sexual relationships, including sexual health</li> <li>Teacher training: caring friendships</li> <li>Teacher training: internet safety and harms</li> <li>Actions for schools during the coronavirus outbreak</li> <li>Behaviour and discipline in schools</li> <li>Keeping children safe in education</li> <li>Coronavirus (COVID-19): Keeping children safe from abuse and harm</li> </ul> </li> </ul>	

	<ul> <li>Schools, pupils and their characteristics: January 2020</li> </ul>
	<ul> <li>Coronavirus (COVID-19): keeping children safe online</li> </ul>
	<ul> <li>Teaching about mental wellbeing</li> </ul>
	<ul> <li>Teaching during coronavirus (COVID-19)</li> </ul>
	Supporting wellbeing
	Personal, social, health and economic (PSHE) education
	Attitudes to education and children's services
	<ul> <li>Strengthening families, protecting children (SFPC) programme</li> </ul>
	• State of the nation 2019: children and young people's wellbeing
2 <sup>nd</sup> re-run	
13/07/2021	Searched gov.uk website.
	Filtered to:
	<ul> <li>Department for Education</li> </ul>
	<ul> <li>Updated after 01/09/21</li> </ul>
	Promoting and supporting mental health and wellbeing in schools
	and colleges
	Plan your relationships, sex and health curriculum
	<ul> <li>Teaching about relationships, sex and health</li> </ul>
	Teaching about mental wellbeing

Website	
Name	Public Health Institute
URL	http://www.phi.org/
Date searched	27/09/19
Searcher	RA
Search terms (including any specific	Searched resources section for: Social emotional wellbeing Social and emotional learning
sections browsed)	school
Results	<ul> <li>Guide to Girl-Centered Advocacy</li> <li>School Wellness Policy Development, Implementation, and Evaluation</li> <li>Psychosocial, Socioeconomic, Behavioral, and Environmental Risk Factors for BMI and Overweight Among 9- to 11-Year-Old Children</li> <li>Converging Evidence Leaves Policy Behind: Effectiveness of and Support for School-Based Sex Education Programs, Journal of Adolescent Health</li> </ul>
1 <sup>st</sup> re-run 25/09/20	Browsed Women, Children & Youth section Searched website for schools Looked for publications from September 2019 onwards
	No relevant results
2 <sup>nd</sup> re-run 13/07/2021	Browsed Women, Children & Youth section
	Searched website for schools Looked for publications from September 2019 onwards • No relevant results

Name	Mentor-Adepis
URL Date searched Searcher Search terms (including any specific sections browsed) Results	http://mentor-adepis.org/         27-09/19         RA         Browsed briefing papers section         Browsed toolkits and guidelines section         Browsed What Works section         • The Adolescent Brain: Social and Emotional Learning Explained
	<ul> <li>The Adolescent Brain – Wired for Taking Risks</li> <li>School-based alcohol and drug education and prevention – what works?</li> <li>Life-skills based education for alcohol and drug prevention</li> <li>Building resilience and character in young people</li> <li>Early Intervention and Prevention</li> <li>Disengaged from school, engaged with drugs and alcohol?</li> <li>Learning from life skills programmes in drug education</li> <li>Unplugged in England: A feasibility study of a secondary school prevention programme</li> <li>Drug prevention programmes in schools: What is the evidence?</li> <li>Drug and alcohol education in schools</li> </ul>
1 <sup>st</sup> re-run 25/09/2020	Browsed the Recent Posts section. Looked for publications from September 2019 onwards • No relevant results
2 <sup>nd</sup> re-run 13/07/2021	Browsed the Recent Posts section. Looked for publications from September 2020 onwards • No relevant results

Website		
Name	OFSTED	
URL	https://www.gov.uk/government/organisations/ofsted	
Date searched	27/09/19	
Searcher	RA	
Search terms	Social emotional wellbeing	
(including any	Social and emotional learning	
specific	Mindfulness	
sections	Resilience	
browsed)	Bullying	
	PSHE	
	RSE	
	Limited to 2007 onwards and guidance / research / policy	
	publication types	
Results	<ul> <li>Supporting children with challenging behaviour</li> </ul>	
	<ul> <li>PSHE education in schools: strengths and weaknesses</li> </ul>	
	Growing up neglected: a multi-agency response to older children	
	<ul> <li>Social care questionnaires 2018: what children and young people told Ofsted</li> </ul>	
	The Children's Happiness Scale	
	School strategies for preventing and tackling bullying	

1 <sup>st</sup> re-run 27/09/2020	<ul> <li>Searched gov.uk website.</li> <li>Filtered to: <ul> <li>Department for Education</li> <li>Guidance &amp; regulation or Research &amp; statistics or Policy papers &amp; consultations</li> <li>Updated after 27<sup>th</sup> September 2019</li> <li>No relevant results</li> </ul> </li> </ul>
2 <sup>nd</sup> re-run 13/07/2021	<ul> <li>Searched gov.uk website.</li> <li>Filtered to: <ul> <li>OFSTED</li> <li>Guidance &amp; regulation or Research &amp; statistics or Policy papers &amp; consultations</li> <li>Updated after 01/09/2020 <ul> <li>No relevant results</li> </ul> </li> </ul></li></ul>

Website	
Name	Education Endowment Foundation
URL	https://educationendowmentfoundation.org.uk/
Date searched	27/09/19
Searcher	RA
Search terms (including any specific sections browsed)	Browsed website and publications
Results	<ul> <li>The impact of non-cognitive skills on outcomes for young people</li> <li>Improving Social and Emotional Learning in Primary Schools</li> <li>Metacognition and Self-regulated Learning</li> <li>Improving Behaviour in Schools</li> </ul>
	<ul> <li>Completed projects (links to project reports):</li> <li>Changing Mindsets: effectiveness trial</li> <li>Engage in Education: effectiveness trial</li> <li>Families and Schools Together (FAST): effectiveness trial</li> <li>FRIENDS: efficacy trial</li> <li>Positive action: pilot study</li> <li>Promoting Alternative Thinking Strategies: effectiveness trial</li> <li>The Good Behaviour Game: efficacy trial</li> <li>Zippy's Friends</li> </ul>
1 <sup>st</sup> re-run 25/09/2020	Browsed the following sections: Evaluation reports Publications – behaviour, SEL Magic Breakfast Evaluation report and executive summary Achievement for All : evaluation report Reciprocal Reading: evaluation report Improving behaviour in schools: guidance report

2 <sup>nd</sup> re-run 13/07/2021	Browsed evidence summaries and guidance reports for publications since 01/09/2020 <ul> <li>No relevant results</li> </ul>
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Website		
Name	Children's Commissioner	
URL	https://www.childrenscommissioner.gov.uk/	
Date searched	27/09/19	
Searcher	RA	
Search terms	Browsed publications section	
(including any	Limited to	
specific	Education	
sections	Mental health	
browsed)	Social media	
Results	Childhood vulnerability in England 2019	
	Exclusions from mainstream schools	
	Children's mental health briefing	
	<ul> <li>Children's Voices: The Wellbeing of Children with Mental Health Needs in England</li> </ul>	
1 <sup>st</sup> re-run 25/09/2020	Browsed publications section	
	Limited to publications since 27 <sup>th</sup> September 2019	
	Putting children first in future lockdowns	
	<ul> <li>Teenagers falling through the gaps</li> </ul>	
	Childhood in 2020	
	<ul><li>The state of children's mental health services</li><li>Children's insights</li></ul>	
2 <sup>nd</sup> re-run 14/07/2021	Browsed publications section	
	Limited to publications since 27 <sup>th</sup> September 2019 • The state of children's mental health services 2020/21	
	<ul> <li>Stress among children in England during the coronavirus lockdown</li> </ul>	

Website				
Name	Council for Disabled Children			
URL	https://councilfordisabledchildren.org.uk/			
Date searched	27/09/19			
Searcher	RA			
Search terms	Browsed Emotional Wellbeing section			
(including any specific sections browsed)	Browsed whole child section			
Results	No additional results found			
1 <sup>st</sup> re-run 25/09/2020	<ul> <li>Searched Resources section, filtered by Education &amp; Learning</li> <li>No relevant results</li> </ul>			

2 <sup>nd</sup> re-run	<ul> <li>Searched Resources section, filtered by Health and wellbeing -</li></ul>
14/07/2021	emotional wellbeing and Education & learning <li>No relevant results</li>

Website				
Name	CASEL			
URL	https://casel.org/			
Date searched	27/09/19			
Searcher	RA			
Search terms (including any specific sections browsed) Results	Browsed research section     The impact of enhancing students' social and emotional learning:			
	<ul> <li>a meta-analysis of school-based universal interventions</li> <li>Promoting Positive Youth Development Through School-based Social and Emotional Learning Interventions: A Meta-Analysis of Follow-up Effects</li> <li>An update on social and emotional learning outcome research</li> <li>the economic value of social and emotional learning</li> <li>Respected: perspectives of youth on high school &amp; social and emotional learning</li> <li>The evidence base for how we learn: supporting students' social, emotional, and academic development</li> <li>The missing piece: a national teacher survey on how social and emotional learning can empower children and transform schools</li> <li>CASEL Guide: Preschool and Elementary Edition</li> <li>2015 CASEL Guide: Effective Social and Emotional Learning Programs—Middle and High School Edition</li> <li>To reach the students, teach the teachers: a national scan of teacher preparation and social &amp; emotional learning</li> </ul>			
1 <sup>st</sup> re-run 25/09/2020	<ul> <li>Browsed website for publications since September 2019</li> <li>Advancing social and emotional learning (SEL) as a lever for equity and excellence</li> <li>Reunite, renew and thrive: social and emotional learning (SEL) roadmap for reopening school</li> <li>Student social and emotional competence assessment: the current state of the field and a vison for its future</li> </ul>			
2 <sup>nd</sup> re-run 14/07/2021	<ul> <li>Browsed website for publications since September 2020</li> <li>Reunite, Renew, and Thrive: Social and Emotional Learning (SEL) roadmap for Reopening School</li> </ul>			

Website			
Name	Early Intervention Foundation		
URL	https://www.eif.org.uk/		
Date searched	27/09/19		
Searcher	RA		
Search terms	Browsed Reports section, limited to Social & emotional and Mental		
(including any	Health topics		

10	
specific	
sections	
browsed)	
Results	<ul> <li>What works to enhance the effectiveness of the Healthy Child Programme: An evidence update</li> <li>Introduction to social and emotional learning in schools</li> <li>Social and emotional learning: Supporting children and young people's mental health</li> <li>Social and emotional learning: Skills for life and work</li> <li>A deep dive into social and emotional learning: What do the views of those involved tell us about the challenges for policy- makers?</li> <li>What works in enhancing social and emotional skills</li> </ul>
t	development during childhood and adolescence?
1 <sup>st</sup> re-run	Browsed Reports section, limited to 2019 and 2020
25/09/2020	<ul> <li>The role of primary schools in early intervention to prevent youth violence: Insights from work in two London boroughs</li> <li>Covid-19 and early intervention: Evidence, challenges and risks relating to virtual and digital delivery</li> <li>Adverse childhood experiences: What we know, what we don't know, and what should happen next</li> <li>Why reducing the impact of parental conflict matters for schools</li> </ul>
2 <sup>nd</sup> re-run	Browsed Resources and Reports sections, limited to 2020 and
14/07/2021	2021
	<ul> <li>Adolescent mental health evidence brief 2: The relationship between emotional and behavioural problems in adolescence and adult outcomes</li> <li>Adolescent mental health evidence brief 1: Prevalence of disorders</li> <li>Supporting children's social and emotional wellbeing as they</li> </ul>
	return to school

Website				
Name	Barnardo's			
URL	www.barnardos.org.uk			
Date searched	27/09/19			
Searcher	RA			
Search terms	Ran a google search for			
(including any	Social and emotional site:barnardos.org.uk			
specific	school site:barnardos.org.uk			
sections	classroom site:barnardos.org.uk			
browsed)				
Results	<ul> <li>Paths Plus: Key findings from the PATHS<sup>®</sup> Plus programme delivered by Barnardo's in the UK</li> <li>Breaking down barriers to learning: primary school-based counselling and support</li> <li>Closing the Educational Attainment Gap</li> <li>The PATHS<sup>®</sup> Programme for Schools (UK Version)</li> <li>Not present and not correct: Understanding and preventing</li> </ul>			
Ast	school exclusions			
1 <sup>st</sup> re-run 25/09/2020	Re-ran original searches. Browsed results for publications since September 2019			

	<ul> <li>Becoming Trauma Aware through Supporting Mental Health and Well-Being in Schools</li> <li>Time for a Clean Slate: Children's Mental Health at the Heart of Education</li> </ul>
2 <sup>nd</sup> re-run 13/07/2021	<ul> <li>Re-ran original searches. Browsed results for publications since</li> <li>September 2020 <ul> <li>Response to the draft Mental Health Strategy 2021-31</li> <li>Impacts of lockdown on the mental health and wellbeing of children and young people</li> </ul> </li> </ul>

# 6.2 Cost-effectiveness searches

The website search results from the effectiveness searches were checked to identify any results relevant to the cost effectiveness searches. The following results were included in the cost effectiveness results:

Search engine				
Name	Google Scholar			
URL	https://scholar.google.co.uk/			
Date searched	27/09/19			
Searcher	RA			
Search terms	Social emotional learning Social emotional and behavioural skills Whole school approach School based interventions (resilience or coping or empathy or life skills or emotional intelligence) and school (mindfulness or yoga or therapy or counselling) and school School wide positive behaviour support			
How the results were selected	Identified potentially relevant titles to reports / publications published since 2007. Added 140 into Eppi and deduped against existing content			
Results	<ul> <li>Berry, Vashti, Oxford, Nick, Blower, Sarah, Taylor, Rod S, Edwards, Rhiannon Tudor, Tobin, Kate, Jones, Carys, Bywater, Tracey (2016) The effectiveness and micro- costing analysis of a universal, school-based, social– emotional learning programme in the UK: A cluster- randomised controlled trial. School Mental Health 8(2) 238-256</li> </ul>			

Website	
Name	CASEL
URL	https://casel.org/
Date searched	27/09/19
Searcher	RA

Search terms (including any specific sections browsed)	Browsed research section
Results	<ul> <li>the economic value of social and emotional learning</li> </ul>

No further results were identified during the cost-effectiveness rerun searches.

# **Transitions Searches**

# 7. Review question details

Topic: Social, emotional and mental wellbeing in primary, secondary and further education

Review question 6: Interventions to support the social, emotional and mental wellbeing of children and young people during periods of transition.

- 6.1 What are effective and cost-effective interventions to support the social, emotional and mental wellbeing of children during periods of transition (such as between schools, life stages or due to traumatic events)?
- 6.2 Are interventions to support the social, emotional and mental wellbeing of children and young people during periods of transition (such as between schools, life stages or due to traumatic events) acceptable to:
  - Children and young people
  - Teachers/practitioners delivering the interventions
  - Parents/Carers of children and young people receiving the interventions
  - Schools/teachers dealing with the consequences of transition e.g. secondary schools dealing with a child's transition from primary to secondary school?
- 6.3 What are the barriers and facilitators to transition based interventions to promote social, emotional and mental wellbeing in children and young people?

# 8.Database strategy outline

## 8.1 Overview

A NICE information specialist conducted the literature searches for the evidence review. The searches for the effectiveness evidence were run on 17<sup>th</sup>-24<sup>th</sup> January 2020.

The principal search strategy was developed in MEDLINE (Ovid interface) and adapted, as appropriate, for use in the other sources listed in the protocol, taking into account their size, search functionality and subject coverage.

The interventions searches covers review question 6.

The searches were developed in line with the NICE guidelines development manual (PMG20, 2014), which states that:

"NICE encourages the use of search methods that balance recall and precision. The aim is to identify the best available evidence to address a particular question without producing an unmanageable volume of results".

## 8.2 Filters and limits

The initial search was developed in Medline.

English language limits were applied in adherence to standard NICE practice and the review protocol.

Limits to exclude letters, editorials, news and conferences were applied in adherence to standard NICE practice and the review protocol.

The search was limited from 2007 to current as defined in the review protocol.

The limit to remove animal studies in the searches was the standard NICE practice, which has been adapted from: Dickersin, K., Scherer, R., & Lefebvre, C. (1994). <u>Systematic Reviews: Identifying relevant studies for systematic reviews</u>. *BMJ*, 309(6964), 1286.

## 8.3 Cost effectiveness searches

The cost effectiveness searches were conducted following the effectiveness searches. The searches for the cost effectiveness evidence were run on 31 January 2020. They use the same search strategy but are run in economic databases or in databases with a search filter applied.

The following search filter was applied to the search strategies in MEDLINE and Embase to identify cost-effectiveness studies:

- 1 Economics/ or exp "Costs and Cost Analysis"/ or Economics, Dental/ or exp Economics, Hospital/ or exp Economics, Medical/ or Economics, Nursing/ or Economics, Pharmaceutical/ or Budgets/ or exp Models, Economic/ or Markov Chains/ or Monte Carlo Method/ or Decision Trees/
- 2 (Economic\* or cost or costs or costly or costing or costed or price or prices or pricing or pharmacoeconomic\* or pharmaco economic\* or budget\*).ti,ab.

- 3 ((monte adj carlo) or markov or (decision adj2 (tree\$ or analys\$))).ti,ab.
- 4 (value adj2 (money or monetary)).ti,ab.
- 5 Quality of Life/ or Health Status Indicators/ or Quality-Adjusted Life Years/ or Value of Life/
- 6 (quality of life or quality adjusted life or qaly\* or qald\* or qale\* or qtime\* or quality of wellbeing or quality of well-being or willingness to pay or standard gamble\* or time trade off\* or time tradeoff\*).ti,ab.
- 7 (disability adjusted life or daly).ti,ab.
- 8 health\* year\* equivalent\*.ti,ab.
- 9 (sf36 or sf 36 or short form 36 or shortform 36 or sf thirtysix or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).ti,ab.
- 10 (sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six).ti,ab.
- 11 (sf12 or sf 12 or short form 12 or shortform 12 or sf twelve or sftwelve or shortform twelve).ti,ab.
- 12 (sf16 or sf 16 or short form 16 or shortform 16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).ti,ab.
- 13 (sf20 or sf 20 or short form 20 or shortform 20 or sf twenty or sftwenty or shortform twenty).ti,ab.
- 14 (euroqol or euro qol or eq5d or eq 5d).ti,ab.
- 15 or/1-14
- 16 (((energy or oxygen) adj cost\*) or (metabolic adj cost\*) or ((energy or oxygen) adj expenditure\*)).ti,ab.
- 17 Animals/ not humans/
- 18 (comment or editorial or letter or news).pt.
- 19 or/16-18
- 20 15 not 19

Source: Glanville J et al. (2009) <u>Development and Testing of Search Filters to</u> <u>Identify Economic Evaluations in MEDLINE and EMBASE</u>. Alberta: Canadian Agency for Drugs and Technologies in Health (CADTH).

Several modifications have been made to these filters over the years that are standard NICE practice.

## 8.4 Search re-runs

The searches were re run in September 2020 and again in July 2021. In each case the strategy was re-run in the database with a final line limiting to the date of the previous search in order to find new records published or added to the database since the previous search. In some databases the functionality allows to limit to a specific day (the exact day the previous search was run), others only allow limits to a particular month or year. Where the database functionality allowed, the date limit relates to the date the record was added to the database. Where this was not available as an option the date limit is simply the date published.

## 8.5 Quality assurance

The Information Services team at NICE quality assured the principal search strategy and peer reviewed the strategies for the other databases according to the standard NICE checklist that was adapted from the 2015 Peer review of electronic search strategies (PRESS) checklist.

## 8.6 Review management

The search results were managed in EPPI-Reviewer v5. Duplicates were removed in EPPI-R5 using a two-step process. First, automated deduplication is performed using a high-value algorithm. Second, manual deduplication is used to assess 'low-probability' matches. All decisions made for the review can be accessed via the deduplication history.

# 9. Search dates

# 9.1 Effectiveness searches

Database name	Date searched	Database Platform	Database segment or version
Medline	Original searches	Ovid	Ovid MEDLINE(R) 1946 to January 22, 2020
	23/01/2020 1 <sup>st</sup> Rerun searches		Ovid MEDLINE(R) 1946 to September 28, 2020
	02/10/2020 2 <sup>nd</sup> Rerun searches		Ovid MEDLINE(R) 1946 to July 13, 2021
Medline in Process	15/07/2021 Original searches 23/01/2020	Ovid	Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations 1946 to January 22, 2020
	1 <sup>st</sup> Rerun searches 02/10/2020		Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations 1946 to October 01, 2020
	2 <sup>nd</sup> Rerun searches 15/07/2021		Ovid MEDLINE(R) In-Process & In-Data- Review Citations 1946 to July 13, 2021
	Original searches 23/01/2020	Ovid	Ovid MEDLINE(R) Epub Ahead of Print <january 2020="" 22,=""></january>
Medline epubs	1 <sup>st</sup> Rerun searches 02/10/2020		Ovid MEDLINE(R) Epub Ahead of Print October 01, 2020
	2 <sup>nd</sup> Rerun searches 15/07/2021		Ovid MEDLINE(R) Epub Ahead of Print July 13, 2021
Embase	Original searches		Embase 1974 to 2020 January 22
	23/01/2020 1 <sup>st</sup> Rerun searches	Ovid	Embase 1974 to 2020 Week 39

	02/10/2020		
	2 <sup>nd</sup> Rerun searches		Embase 1974 to 2021 July 14
	15/07/2021		
psycINFO	1 <sup>st</sup> Rerun searches		PsycINFO 1967 to January Week 3 2020
	24/01/2020		
	2 <sup>nd</sup> Rerun searches	Ovid	APA PsycInfo 1806 to September Week 3 2020
	02/10/2020		
	2 <sup>nd</sup> Rerun searches		APA PsycInfo 1806 to July Week 1 2021
	15/07/2021		
	Original searches		
	22/01/2020		
ERIC	1 <sup>st</sup> Rerun searches	Proquest	ERIC
	02/10/2020		
	2 <sup>nd</sup> Rerun searches		
	15/07/2021		
	Original searches		Social Policy and Practice 201910
	23/01/2020		
Social Policy &	1 <sup>st</sup> Rerun searches	Ovid	Social Policy and Practice 202007
Practice (SPP)	02/10/2020		
	2 <sup>nd</sup> Rerun searches		Social Policy and Practice 202104
	15/07/2021		
Web of Science	Original searches		
	17/01/2020	Web of Science	
	1 <sup>st</sup> Rerun searches		Web of Science
	02/10/2020		
	2 <sup>nd</sup> Rerun searches		

	15/07/2021		
	Original searches	Wiley	Issue 1 of 12, January 2020
	23/01/2020		
Cochrane Database of Systematic	1 <sup>st</sup> Rerun searches		Issue 10 of 12, October 2020
Reviews (CDSR)	02/10/2020	-	
	2 <sup>nd</sup> Rerun searches		Issue 7 of 12, July 2021
	15/07/2021		
	Original searches	Wiley	Issue 1 of 12, January 2020
	23/01/2020		
Cochrane Central Register of	1 <sup>st</sup> Rerun searches		Issue 10 of 12, October 2020
Controlled Trials (CENTRAL)	02/10/2020		
	2 <sup>nd</sup> Rerun searches		Issue 7 of 12, July 2021
	15/07/2021		
	Original searches		
	24/01/2020	-	
Google Scholar	1 <sup>st</sup> Rerun searches	Google Scholar	Google Scholar
	02/10/2020		
	2 <sup>nd</sup> Rerun searches		
	15/07/2021		

# 9.2 Cost effectiveness searches

Database name	Date searched	Database Platform	Database segment or version
Campbell	Original searches 31/01/2020	website	Campbell collaboration
Collaboration	<b>Re-run</b> 22/07/2021		

Econlit	Criginal searches 31/01/2020		Econlit 1886 to January 23, 2020		
	<b>Rerun</b> 22/07/2021		Econlit 1886 to July 15, 2021		
Embase	Original searches 31/01/2020	Ovid	Embase 1974 to 2020 January 30		
	<b>Rerun</b> 22/07/2021		Embase 1996 to 2021 July 21		
Medline	Original searches 31/01/2020	Ovid	1946 to January 30, 2020		
	<b>Rerun</b> 22/07/2021		Ovid MEDLINE(R) 1946 to July 21, 2021		
Medline in Process	Original searches 31/01/2020	Ovid	Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations 1946 to January 30, 2020		
1100033	<b>Rerun</b> 22/07/2021		Ovid MEDLINE(R) In-Process & In-Data- Review Citations 1946 to July 21, 2021		
NHS EED	Original searches 31/01/2020	CRD	CRD		
	<b>Rerun</b> 31/01/2021				
НТА	Original searches 31/01/2020	CRD	CRD		
	<b>Rerun</b> 31/01/2021				

# **10.Number of records retrieved**

## **10.1 Effectiveness search**

Search source	No. of records retrieved (original searches)	Results	De- duplicated	No. of records retrieved (1 <sup>st</sup> rerun searches)	Results	De- duplicated	No. of records retrieved (2 <sup>nd</sup> rerun searches)	Results	De- duplicated
Medline	2017			118			184		
Medline in Process	334			87			48		
Medline epubs	154			39			53		
Embase	1222			83			138		
psycINFO	4972			240			293		
ERIC	6674	17925	13206	52	945	425	76	1153	730
Social Policy & Practice	960			87			124		
Web of Science	1316			109			146		
Cochrane Database of Systematic Reviews (CDSR)	4			0	]		0		
Cochrane Central Register of Controlled Trials (CENTRAL)	175			10			22		
Google Scholar	100			120			69		

## **10.2 Cost effectiveness search**

Search source	No. of records retrieved (original searches)	Results	De- duplicated	No. of records retrieved (1 <sup>st</sup> rerun searches)	Results	De- duplicated
Campbell Collaboration	0			0		
EconLit	575			52		
Embase	212			40		
Medline	268	1127	979	44	141	121
Medline in Process	41			5		
NHS EED	30			0		
НТА	1			0		

# **11.Database search strategies**

## **11.1 Effectiveness searches**

### 11.1.1 Medline

### 11.1.1.1 Original searches

- 1 ((school\* or year or class or "key stage\*") and transition\*).ti,ab. (21405)
- 2 "education\* transition\*".ti,ab. (63)

3 (school adj2 (adjust\* or maladjust\* or engagement\* or intergrat\* or connected\* or belonging)).ti,ab. (1354)

4 ((school\* or academic) adj2 (achieve\* or attain\* or progress\* or success or motivat\*)).ti,ab. (7916)

5 or/1-4 (30311)

6 ((start\* or move or moving or change or changing or enter or entering or entry or admission\* or transfer\* or settle or settling or transition\*) adj2 school\*).ti,ab. (3949)

- 7 ("ready child\*" or "ready school\*" or "ready famil\*").ti,ab. (4)
- 8 "school readiness".ti,ab. (457)
- 9 (school\* and (exclud\* or exclusion\* or refus\* or isolat\*)).ti,ab. (8276)
- 10 (admission\* and (casual or "in year" or in-year or fair) and school\*).ti,ab. (59)
- 11 (life adj2 (chang\* or transition\* or disrupt\*)).ti,ab. (7422)
- 12 "adverse childhood experience\*".ti,ab. (1072)
- 13 Life Change Events/ (22457)
- 14 ((famil\* or parent\* or marital or marriage) adj3 (break\* or split or divorce or separat\*)).ti,ab. (5920)
- 15 Family separation/ or Divorce/ (4648)
- 16 child abuse/ or child abuse, sexual/ (29836)
- 17 ((domestic or family or child\* or physical or emotional or sexual) adj3 (abuse\* or violence or exploit\*)).ti,ab. (36111)

18 (child\* adj3 (neglect\* or mistreat\* or maltreat\* or molest\*)).ti,ab. (7596)

- 19 puberty.ti,ab. (24407)
- 20 Puberty/ (13149)
- 21 (grief or death or bereave\* or mourn\*).ti,ab. (603096)
- 22 bereavement/ or grief/ (12975)
- 23 ((parent\* or carer\*) adj3 (depress\* or anxiet\* or "mental health")).ti,ab. (5746)

24 ((family or parent\*) and ((alcohol or drug or substance) adj2 (use\* or misuse\* or abuse\* or addict\*))).ti,ab. (18248)

25 ((parent\* or carer\*) and (prison\* or imprisoned or incarcerat\*)).ti,ab. (624)

- 26 ((move or moving) adj2 (home or house)).ti,ab. (164)
- 27 (migrant\* or migrat\* or immigrant\* or refugee\* or "asylum seek\*").ti,ab. (292420)
- 28 Refugees/ or "Transients and Migrants"/ or "Emigrants and Immigrants"/ (30760)
- 29 ((homeless\* or housing or street) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (2173)

30 (runaway\* adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (232)

31 Homeless Youth/ (1250)

32 ((poverty or impoverish\* or poor or "low income") and (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\* or famil\* or parent\*)).ti,ab. (92323)

33 Poverty/ (36646)

34 ((chronic or "long term" or long-term) adj2 (illness or ill-health or "ill health" or disease\* or condition\*)).ti,ab. (197760)

35 Chronic Disease/ (259476)

36 Disabled Children/ (6109)

37 ((disabled or disabilit\* or handicap\*) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (14318)

38 or/6-37 (1546787)

39 (school\* or pupil\* or teacher or teaching or headteacher\* or headmaster\* or headmistress\*).ti,ab. (367463)

40 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (4715)

41 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (50)

42 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (101504) 43 schools/ or school health services/ or school nursing/ or school teachers/ (55762)

44 or/39-43 (468490)

45 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (2180256)

46 44 not 45 (280236)

47 5 and 38 and 46 (2418)

48 limit 47 to (letter or historical article or comment or editorial or news or case reports)(50)

- 49 47 not 48 (2368)
- 50 limit 49 to english language (2285)
- 51 limit 50 to yr="1995 -Current" (2025)
- 52 remove duplicates from 51 (2017)

#### 11.1.1.2 1st r-erun search

Re-ran the original search strategy (11.1.1.1) with the following additional final line: 52 limit 51 to ed=20200123-20200901 (118)

#### 11.1.1.3 2nd re-run search

Re-ran the original search strategy (11.1.1.1) with the following additional final line: 52 limit 51 to ed=20200901-20210715 184

## 11.1.2 Medline in Process

### 11.1.2.1 Original search

1 ((school\* or year or class or "key stage\*") and transition\*).ti,ab. (5888)

2 "education\* transition\*".ti,ab. (12)

3 (school adj2 (adjust\* or maladjust\* or engagement\* or intergrat\* or connected\* or belonging)).ti,ab. (261)

4 ((school\* or academic) adj2 (achieve\* or attain\* or progress\* or success or

motivat\*)).ti,ab. (1384)

5 or/1-4 (7443)

6 ((start\* or move or moving or change or changing or enter or entering or entry or admission\* or transfer\* or settle or settling or transition\*) adj2 school\*).ti,ab. (487)

- 7 ("ready child\*" or "ready school\*" or "ready famil\*").ti,ab. (1)
- 8 "school readiness".ti,ab. (103)

9 (school\* and (exclud\* or exclusion\* or refus\* or isolat\*)).ti,ab. (1030)

10 (admission\* and (casual or "in year" or in-year or fair) and school\*).ti,ab. (8)

11 (life adj2 (chang\* or transition\* or disrupt\*)).ti,ab. (1079)

12 "adverse childhood experience\*".ti,ab. (360)

13 ((famil\* or parent\* or marital or marriage) adj3 (break\* or split or divorce or separat\*)).ti,ab. (753)

14 ((domestic or family or child\* or physical or emotional or sexual) adj3 (abuse\* or violence or exploit\*)).ti,ab. (3840)

15 (child\* adj3 (neglect\* or mistreat\* or maltreat\* or molest\*)).ti,ab. (1040)

- 16 puberty.ti,ab. (2149)
- 17 (grief or death or bereave\* or mourn\*).ti,ab. (66351)
- 18 ((parent\* or carer\*) adj3 (depress\* or anxiet\* or "mental health")).ti,ab. (876)

19 ((family or parent\*) and ((alcohol or drug or substance) adj2 (use\* or misuse\* or abuse\* or addict\*))).ti,ab. (2221)

20 ((parent\* or carer\*) and (prison\* or imprisoned or incarcerat\*)).ti,ab. (104)

21 ((move or moving) adj2 (home or house)).ti,ab. (30)

22 (migrant\* or migrat\* or immigrant\* or refugee\* or "asylum seek\*").ti,ab. (44651)

23 ((homeless\* or housing or street) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (294)

24 (runaway\* adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (24)

((poverty or impoverish\* or poor or "low income") and (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\* or famil\* or parent\*)).ti,ab. (13434)
((chronic or "long term" or long-term) adj2 (illness or ill-health or "ill health" or disease\* or condition\*)).ti,ab. (29915)

27 ((disabled or disabilit\* or handicap\*) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (1309)

28 or/6-27 (161705)

29 (school\* or pupil\* or teacher or teaching or headteacher\* or headmaster\* or headmistress\*).ti,ab. (48739)

30 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (700)

31 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (8)

32 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year

7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 4" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "9th grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*" or "10th grade\*" or "29-32 (60182)

34 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (295016)

- 35 33 not 34 (35679)
- 36 5 and 28 and 35 (350)
- 37 limit 36 to english language (349)
- 38 limit 37 to yr="1995 -Current" (334)

#### 11.1.2.2 1st re-run search

Re-ran the original search strategy (11.1.2.1) with the following additional final line: 39 limit 38 to dt=20200123-20200901 (87)

#### 11.1.2.3 2nd re-run search

Re-ran the original search strategy (11.1.2.1) with the following additional final line:

 39
 limit 38 to dt=20200901-20210715
 48

#### 11.1.3 Medline epubs

#### 11.1.3.1 Original search

- 1 ((school\* or year or class or "key stage\*") and transition\*).ti,ab. (764)
- 2 "education\* transition\*".ti,ab. (8)

3 (school adj2 (adjust\* or maladjust\* or engagement\* or intergrat\* or connected\* or belonging)).ti,ab. (93)

4 ((school\* or academic) adj2 (achieve\* or attain\* or progress\* or success or motivat\*)).ti,ab. (396)

- 5 or/1-4 (1209)
- 6 ((start\* or move or moving or change or changing or enter or entering or entry or admission\* or transfer\* or settle or settling or transition\*) adj2 school\*).ti,ab. (145)
- 7 ("ready child\*" or "ready school\*" or "ready famil\*").ti,ab. (0)
- 8 "school readiness".ti,ab. (43)
- 9 (school\* and (exclud\* or exclusion\* or refus\* or isolat\*)).ti,ab. (207)

10 (admission\* and (casual or "in year" or in-year or fair) and school\*).ti,ab. (1)

11 (life adj2 (chang\* or transition\* or disrupt\*)).ti,ab. (209)

12 "adverse childhood experience\*".ti,ab. (106)

13 ((famil\* or parent\* or marital or marriage) adj3 (break\* or split or divorce or separat\*)).ti,ab. (146)

14 ((domestic or family or child\* or physical or emotional or sexual) adj3 (abuse\* or violence or exploit\*)).ti,ab. (1576)

15 (child\* adj3 (neglect\* or mistreat\* or maltreat\* or molest\*)).ti,ab. (345)

16 puberty.ti,ab. (389)

17 (grief or death or bereave\* or mourn\*).ti,ab. (11075)

18 ((parent\* or carer\*) adj3 (depress\* or anxiet\* or "mental health")).ti,ab. (294)

19 ((family or parent\*) and ((alcohol or drug or substance) adj2 (use\* or misuse\* or abuse\* or addict\*))).ti,ab. (704)

20 ((parent\* or carer\*) and (prison\* or imprisoned or incarcerat\*)).ti,ab. (34)

21 ((move or moving) adj2 (home or house)).ti,ab. (3)

22 (migrant\* or migrat\* or immigrant\* or refugee\* or "asylum seek\*").ti,ab. (5895)

23 ((homeless\* or housing or street) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (94)

24 (runaway\* adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (13)

25 ((poverty or impoverish\* or poor or "low income") and (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\* or famil\* or parent\*)).ti,ab. (2791)

26 ((chronic or "long term" or long-term) adj2 (illness or ill-health or "ill health" or disease\* or condition\*)).ti,ab. (4762)

27 ((disabled or disabilit\* or handicap\*) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (326)

28 or/6-27 (27129)

29 (school\* or pupil\* or teacher or teaching or headteacher\* or headmaster\* or headmistress\*).ti,ab. (7914)

30 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (134)

31 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (4)

32 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (2726) 33 or/29-32 (10198)

34 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (42178)

- 35 33 not 34 (6777)
- 36 5 and 28 and 35 (155)
- 37 limit 36 to english language (155)
- 38 limit 37 to yr="1995 -Current" (154)

#### 11.1.3.2 1st re-run search

Re-ran the original search strategy (11.1.3.1) with the following additional final line: limit 38 to dt=20200123-20200901 (39)

#### 11.1.3.3 2nd re-run search

Re-ran the original search strategy (11.1.3.1) with the following additional final line:

39 limit 38 to dt=20200901-20210715 53

#### 11.1.4 Embase

#### 11.1.4.1 Original search

- 1 ((school\* or year or class or "key stage\*") and transition\*).ti,ab. (40270)
- 2 "education\* transition\*".ti,ab. (111)

3 (school adj2 (adjust\* or maladjust\* or engagement\* or intergrat\* or connected\* or belonging)).ti,ab. (1794)

4 ((school\* or academic) adj2 (achieve\* or attain\* or progress\* or success or motivat\*)).ti,ab. (10873)

5 or/1-4 (52420)

6 ((start\* or move or moving or change or changing or enter or entering or entry or admission\* or transfer\* or settle or settling or transition\*) adj2 school\*).ti,ab. (5474)

- 7 ("ready child\*" or "ready school\*" or "ready famil\*").ti,ab. (8)
- 8 "school readiness".ti,ab. (594)
- 9 (school\* and (exclud\* or exclusion\* or refus\* or isolat\*)).ti,ab. (15124)
- 10 (admission\* and (casual or "in year" or in-year or fair) and school\*).ti,ab. (82)
- 11 (life adj2 (chang\* or transition\* or disrupt\*)).ti,ab. (12048)
- 12 "adverse childhood experience\*".ti,ab. (1983)
- 13 life event/ or childhood adversity/ (29525)
- 14 ((famil\* or parent\* or marital or marriage) adj3 (break\* or split or divorce or separat\*)).ti,ab. (8222)
- 15 Family separation/ or Divorce/ (7226)
- 16 child abuse/ or child sexual abuse/ (36318)
- 17 ((domestic or family or child\* or physical or emotional or sexual) adj3 (abuse\* or violence or exploit\*)).ti,ab. (50983)
- 18 (child\* adj3 (neglect\* or mistreat\* or maltreat\* or molest\*)).ti,ab. (10558)
- 19 puberty.ti,ab. (35659)
- 20 Puberty/ (25555)
- 21 (grief or death or bereave\* or mourn\*).ti,ab. (966776)

22 bereavement/ or grief/ (17325)

23 ((parent\* or carer\*) adj3 (depress\* or anxiet\* or "mental health")).ti,ab. (9000)

24 ((family or parent\*) and ((alcohol or drug or substance) adj2 (use\* or misuse\* or abuse\* or addict\*))).ti,ab. (29298)

25 ((parent\* or carer\*) and (prison\* or imprisoned or incarcerat\*)).ti,ab. (942)

26 ((move or moving) adj2 (home or house)).ti,ab. (264)

27 (migrant\* or migrat\* or immigrant\* or refugee\* or "asylum seek\*").ti,ab. (423946)

28 Refugee/ or migrant/ or immigrant/ or asylum seeker/ (33722)

29 ((homeless\* or housing or street) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (2943)

30 (runaway\* adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (282)

31 Homeless Youth/ (354)

32 ((poverty or impoverish\* or poor or "low income") and (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\* or famil\* or parent\*)).ti,ab. (152652)

33 Poverty/ (44265)

34 ((chronic or "long term" or long-term) adj2 (illness or ill-health or "ill health" or disease\* or condition\*)).ti,ab. (339515)

35 Chronic Disease/ (173333)

36 handicapped child/ (8093)

37 ((disabled or disabilit\* or handicap\*) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (19936)

38 or/6-37 (2181311)

39 (school\* or pupil\* or teacher or teaching or headteacher\* or headmaster\* or headmistress\*).ti,ab. (528453)

40 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (10895)

41 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (76)

42 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (209784) school/ or school health service/ or school health nursing/ or school teacher/ (77065) 43

44 or/39-43 (739308)

(medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or
"teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (3508015)
46 44 not 45 (437372)

- 47 5 and 38 and 46 (3534)
- 48 limit 47 to english language (3405)
- 49 48 not (letter or editorial).pt. (3394)
- 50 (conference abstract or conference paper or conference proceeding or "conference
- review").pt. (4452859)
- 51 49 not 50 (2649)
- 52 elsevier.cr. (25294747)
- 53 51 and 52 (1427)
- 54 limit 53 to yr="1995 -Current" (1234)
- 55 remove duplicates from 54 (1222)

#### 11.1.4.2 1st re-run search

Re-ran the original search strategy (11.1.4.1) with the following final line: 55 limit 54 to dc=20200123-20200901 (83)

#### 11.1.4.3 2nd re-run search

Re-ran the original search strategy (11.1.4.1) with the following final line:

55 limit 54 to dc=20200901-20210715 138

## 11.1.5 psycINFO

### 11.1.5.1 Original search

- 1 exp school transition/ (3770)
- 2 ((school\* or year or class or "key stage\*") and transition\*).ti,ab. (17591)
- 3 "education\* transition\*".ti,ab. (217)

4 (school adj2 (adjust\* or maladjust\* or engagement\* or intergrat\* or connected\* or belonging)).ti,ab. (4463)

5 School Adjustment/ (5579)

6 ((school\* or academic) adj2 (achieve\* or attain\* or progress\* or success or motivat\*)).ti,ab. (36164)

- 7 Academic Achievement/ (54835)
- 8 or/1-7 (94833)

9 ((start\* or move or moving or change or changing or enter or entering or entry or admission\* or transfer\* or settle or settling or transition\*) adj2 school\*).ti,ab. (7401)

- 10 ("ready child\*" or "ready school\*" or "ready famil\*").ti,ab. (35)
- 11 "school readiness".ti,ab. (1859)
- 12 (school\* and (exclud\* or exclusion\* or refus\* or isolat\*)).ti,ab. (9240)
- 13 (admission\* and (casual or "in year" or in-year or fair) and school\*).ti,ab. (42)
- 14 (life adj2 (chang\* or transition\* or disrupt\*)).ti,ab. (7321)
- 15 "adverse childhood experience\*".ti,ab. (1383)
- 16 Childhood Adversity/ or Life Changes/ (5814)
- 17 ((famil\* or parent\* or marital or marriage) adj3 (break\* or split or divorce or separat\*)).ti,ab. (10280)
- 18 Marital Separation/ or Divorce/ (9071)
- 19 Child Abuse/ or Sexual Abuse/ (38195)
- 20 ((domestic or family or child\* or physical or emotional or sexual) adj3 (abuse\* or violence or exploit\*)).ti,ab. (60612)
- 21 (child\* adj3 (neglect\* or mistreat\* or maltreat\* or molest\*)).ti,ab. (13554)
- 22 puberty.ti,ab. (4722)
- 23 Puberty/ (2565)
- 24 (grief or death or bereave\* or mourn\*).ti,ab. (89232)
- 25 bereavement/ or grief/ (14385)
- 26 ((parent\* or carer\*) adj3 (depress\* or anxiet\* or "mental health")).ti,ab. (8289)

27 ((family or parent\*) and ((alcohol or drug or substance) adj2 (use\* or misuse\* or abuse\* or addict\*))).ti,ab. (23551)

- 28 ((parent\* or carer\*) and (prison\* or imprisoned or incarcerat\*)).ti,ab. (1675)
- 29 ((move or moving) adj2 (home or house)).ti,ab. (135)
- 30 (migrant\* or migrat\* or immigrant\* or refugee\* or "asylum seek\*").ti,ab. (51600)
- 31 Refugees/ or Asylum Seeking/ (6011)

32 ((homeless\* or housing or street) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (3204)

- 33 homeless/ (6814)
- 34 (runaway\* adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (503)
- 35 Runaway Behavior/ (615)
- 36 ((poverty or impoverish\* or poor or "low income") and (child\* or teen\* or youth\* or "young person\*" or adolescen\* or "young people" or famil\* or parent\*)).ti,ab. (53751)
- 37 Poverty/ (8882)
- 38 ((chronic or "long term" or long-term) adj2 (illness or ill-health or "ill health" or disease\* or condition\*)).ti,ab. (31825)

39 Chronic Illness/ (11345)

40 ((disabled or disabilit\* or handicap\*) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (23754)

41 or/9-40 (388615)

42 (school\* or pupil\* or teacher or teaching or headteacher\* or headmaster\* or headmistress\*).ti,ab. (459024)

43 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (4483)

44 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (116)

45 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (83705) 46 Schools/ or School Nurses/ or teachers/ or elementary school teachers/ or high school teachers/ or junior high school teachers/ or middle school teachers/ (75472)

47 or/42-46 (505390)

48 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (611130)

- 49 47 not 48 (400234)
- 50 8 and 41 and 49 (10695)
- 51 limit 50 to english language (10116)

52 limit 51 to ("0200 book" or "0240 authored book" or "0280 edited book" or "0300 encyclopedia" or "0400 dissertation abstract") (4099)

53 51 not 52 (6017)

54 limit 53 to yr="1995 -Current" (4981)

55 remove duplicates from 54 (4972)

### 11.1.5.2 1st re-run search

NOTE: An issue with the English Language limit in psycINFO was identified at

the time these searches were run. It meant that some in process records

might be missed. The first posting.ps line was added in order to ensure no

relevant records were removed by the language limit.

Re-ran the original search strategy (11.1.5.1) with the following final lines: 8 and 41 and 49 (11349)

- 51 limit 50 to english language (10681)
- 52 first posting.ps. (59121)
- 53 50 and 52 (164)
- 54 51 or 53 (10840)
- 55 limit 54 to ("0200 book" or "0240 authored book" or "0280 edited book" or "0300 encyclopedia" or "0400 dissertation abstract") (4326)
- 56 54 not 55 (6514)
- 57 limit 56 to yr="1995 -Current" (5376)
- 58 remove duplicates from 57 (5367)
- 59 limit 58 to up=20200124-20200901 (240)

#### 11.1.5.3 2nd re-run search

Re-ran the original search strategy (11.1.5.1) with the following final lines:

- 50 8 and 41 and 4911831
- 51 limit 50 to english language 11149
- 52 first posting.ps. 70790
- 53 50 and 52 175
- 54 51 or 53 11318
- 55 limit 54 to ("0200 book" or "0240 authored book" or "0280 edited book" or "0300 encyclopedia" or "0400 dissertation abstract") 4497
- 56 54 not 55 6821
- 57 limit 56 to yr="1995 -Current" 5683
- 58 remove duplicates from 57 5657
- 59 limit 58 to up=20200901-20210715 293

### 11.1.6 ERIC

#### 11.1.6.1 Original search

Set#	Searched for	Results
S1	MAINSUBJECT.EXACT("Transitional Programs")	6601
S2	((school* or year or class or "key stage*") and transition*)	23215
S3	"education* transition*"	278
S4	(school N/2 (adjust* or maladjust* or engagement* or intergrat* or connected* or belonging))	3843
S5	((school* or academic) N/2 (achieve* or attain* or progress* or success or motivat*))	102545
S6	s1 or s2 or s3 or s4 or s5	126308
S7	((s6 AND rtype.exact("Report" OR "Statistics/Data Report" OR "Government & Official Document" OR "Reference Document" OR "Review" OR "Article")) AND la.exact("English")) AND lv("high school	27834

	equivalency programs" OR "elementary secondary education" OR "secondary education" OR "elementary education" OR "grade 2" OR "primary education" OR "grade 3" OR "grade 4" OR "grade 5" OR "high schools" OR "grade 1" OR "grade 10" OR "grade 11" OR "grade 12" OR "intermediate grades" OR "grade 6" OR "grade 7" OR "middle schools" OR "grade 8" OR "junior high schools" OR "grade 9") AND pd(1995- 2020)	
S8	((start* or move or moving or change or changing or enter or entering or entry or admission* or transfer* or settle or settling or transition*) N/2 school*)	22268
S9	("ready child*" or "ready school*" or "ready famil*")	53
S10	"school readiness"	4041
S11	(school* and (exclud* or exclusion* or refus* or isolat*))	12184
S12	(admission* and (casual or "in year" or in-year or fair) and school*)	211
S13	(life N/2 (chang* or transition* or disrupt*))	2911
S14	"adverse childhood experience*"	70
S15	((famil* or parent* or marital or marriage) N/3 (break* or split or divorce or separat*))	2472
S16	MAINSUBJECT.EXACT("Divorce")	2590
S17	MAINSUBJECT.EXACT("Child Abuse") OR MAINSUBJECT.EXACT("Sexual Abuse")	10259
S18	((domestic or family or child* or physical or emotional or sexual) N/3 (abuse* or violence or exploit*))	15975
S19	(child* N/3 (neglect* or mistreat* or maltreat* or molest*))	5561
S20	puberty	817
S21	MAINSUBJECT.EXACT("Puberty")	593
S22	(grief or death or bereave* or mourn*)	10451
S23	MAINSUBJECT.EXACT("Grief")	1818
S24	((parent* or carer*) N/3 (depress* or anxiet* or "mental health"))	1398
S25	((family or parent*) and ((alcohol or drug or substance) N/2 (use* or misuse* or abuse* or addict*)))	6858
S26	((parent* or carer*) and (prison* or imprisoned or incarcerat*))	586
S27	((move or moving) N/2 (home or house))	113
S28	(migrant* or migrat* or immigrant* or refugee* or "asylum seek*")	27209

S29	MAINSUBJECT.EXACT("Refugees") OR MAINSUBJECT.EXACT("Immigrants")	14273
S30	((homeless* or housing or street) N/3 (child* or teen* or youth* or "young person*" or "young people" or adolescen*))	1945
S31	(runaway* N/3 (child* or teen* or youth* or "young person*" or "young people" or adolescen*))	285
S32	MAINSUBJECT.EXACT("Homeless People")	2263
S33	((poverty or impoverish* or poor or "low income") and (child* or teen* or youth* or "young person*" or "young people" or adolescen* or famil* or parent*))	34924
S34	MAINSUBJECT.EXACT("Poverty")	11870
S35	((chronic or "long term" or long-term) N/2 (illness or ill-health or "ill health" or disease* or condition*))	2525
S36	MAINSUBJECT.EXACT("Chronic Illness")	1446
S37	MAINSUBJECT.EXACT("Handicapped Children")	5953
S38	((disabled or disabilit* or handicap*) N/3 (child* or teen* or youth* or "young person*" or "young people" or adolescen*))	27272
S39	s8 or s9 or s10 or s11 or s12 or s13 or s14 or s15 or s16 or s17 or s18 or         s19 or s20 or s21 or s22 or s23 or s24 or s25 or s26 or s27 or s28 or s29         or s30 or s31 or s32 or s33 or s34 or s35 or s36 or s37 or s38	160050
S40	<ul> <li>((s39 AND rtype.exact("Report" OR "Statistics/Data Report" OR</li> <li>"Government &amp; Official Document" OR "Reference Document" OR</li> <li>"Review" OR "Article")) AND la.exact("English")) AND lv("high school</li> <li>equivalency programs" OR "elementary secondary education" OR</li> <li>"secondary education" OR "elementary education" OR "grade 2" OR</li> <li>"primary education" OR "grade 3" OR "grade 4" OR "grade 5" OR "high</li> <li>schools" OR "grade 1" OR "grade 10" OR "grade 11" OR "grade 12" OR</li> <li>"intermediate grades" OR "grade 6" OR "grade 7" OR "middle schools"</li> <li>OR "grade 8" OR "junior high schools" OR "grade 9") AND pd(1995-2020)</li> </ul>	20758
S41	s7 and s39	6674

### 11.1.6.2 1st re-run search

Re-ran the original search strategy (11.1.6.1) with the following additional final line:

S42 S7 and S40 AND AND pd(20200122-20200901)	52
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#### 11.1.6.3 2nd re-run search

Re-ran the original search strategy (11.1.6.1) with the following additional final line:

S42	S7 and S40 AND AND pd(20200901-20210715)	76
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#### 11.1.7 Social Policy & Practice

#### 11.1.7.1 Original search

1 ((school\* or year or class or "key stage\*") and transition\*).ti,ab. (1293)

- 2 ((school\* or year\* or class\* or "key stage\*") and transition\*).hw. (80)
- 3 "education\* transition\*".ti,ab. (14)

4 (education\* and transition\*).hw. (222)

5 (school adj2 (adjust\* or maladjust\* or engagement\* or intergrat\* or connected\* or belonging)).ti,ab. (116)

6 (school\* and (adjust\* or maladjust\* or engagement\* or intergrat\* or connected\* or belonging)).hw. (78)

7 ((school\* or academic) adj2 (achieve\* or attain\* or progress\* or success or motivat\*)).ti,ab. (795)

8 ((school\* or academic\*) and (achieve\* or attain\* or progress\* or success\* or motivat\*)).hw. (1301)

9 or/1-8 (3446)

10 ((start\* or move or moving or change or changing or enter or entering or entry or admission\* or transfer\* or settle or settling or transition\*) adj2 school\*).ti,ab. (621)

11 ((start\* or move\* or moving\* or change\* or changing\* or enter\* or entering\* or entry\* or admission\* or transfer\* or settle\* or settling\* or transition\*) and school\*).hw. (674)

- 12 ("ready child\*" or "ready school\*" or "ready famil\*").ti,ab. (1)
- 13 (ready\* and (child\* or school\* or famil\*)).hw. (0)
- 14 "school readiness".ti,ab. (43)
- 15 (school\* and readiness\*).hw. (0)
- 16 (school\* and (exclud\* or exclusion\* or refus\* or isolat\*)).ti,ab. (1624)
- 17 (school\* and (exclud\* or exclusion\* or refus\* or isolat\*)).hw. (1493)
- 18 (admission\* and (casual or "in year" or in-year or fair) and school\*).ti,ab. (21)
- 19 (admission\* and (casual\* or "in year\*" or in-year\* or fair\*) and school\*).hw. (0)
- 20 (life adj2 (chang\* or transition\* or disrupt\*)).ti,ab. (537)
- 21 (life\* and (chang\* or transition\* or disrupt\*)).hw. (346)
- 22 "adverse childhood experience\*".ti,ab. (260)
- 23 "adverse childhood experience\*".sh. (179)

24 ((famil\* or parent\* or marital or marriage) adj3 (break\* or split or divorce or separat\*)).ti,ab. (1375)

25 ((famil\* or parent\* or marital\* or marriage\*) and (break\* or split\* or divorce\* or separat\*)).hw. (1590)

26 ((domestic or family or child\* or physical or emotional or sexual) adj3 (abuse\* or violence or exploit\*)).ti,ab. (17759)
27 ((domestic\* or family\* or child\* or physical\* or emotional\* or sexual\*) and (abuse\* or violence\* or exploit\*)).hw. (25026)

28 (child\* adj3 (neglect\* or mistreat\* or maltreat\* or molest\*)).ti,ab. (4232)

- 29 (child\* and (neglect\* or mistreat\* or maltreat\* or molest\*)).hw. (3261)
- 30 puberty.ti,ab. (69)
- 31 puberty\*.hw. (17)
- 32 (grief or death or bereave\* or mourn\*).ti,ab. (6055)
- 33 (grief\* or death\* or bereave\* or mourn\*).hw. (4891)
- 34 ((parent\* or carer\*) adj3 (depress\* or anxiet\* or "mental health")).ti,ab. (1144)
- 35 ((parent\* or carer\*) and (depress\* or anxiet\* or "mental health\*")).hw. (3929)

36 ((family or parent\*) and ((alcohol or drug or substance) adj2 (use\* or misuse\* or abuse\* or addict\*))).ti,ab. (2443)

37 ((family\* or parent\*) and ((alcohol\* or drug\* or substance\*) and (use\* or misuse\* or abuse\* or addict\*))).hw. (1692)

38 ((parent\* or carer\*) and (prison\* or imprisoned or incarcerat\*)).ti,ab. (400)

- 39 ((parent\* or carer\*) and (prison\* or imprisoned\* or incarcerat\*)).hw. (275)
- 40 ((move or moving) adj2 (home or house)).ti,ab. (199)
- 41 ((move\* or moving\*) and (home\* or house\*)).hw. (62)
- 42 (migrant\* or migrat\* or immigrant\* or refugee\* or "asylum seek\*").ti,ab. (6722)
- 43 (migrant\* or migrat\* or immigrant\* or refugee\* or "asylum seek\*").hw. (6490)

44 ((homeless\* or housing or street) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (1685)

45 ((homeless\* or housing\* or street\*) and (child\* or teen\* or youth\* or "young person\*" or "young people\*" or adolescen\*)).hw. (4606)

46 (runaway\* adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (149)

47 (runaway\* and (child\* or teen\* or youth\* or "young person\*" or "young people\*" or adolescen\*)).hw. (463)

48 ((poverty or impoverish\* or poor or "low income") and (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\* or famil\* or parent\*)).ti,ab. (8221)

49 ((poverty\* or impoverish\* or poor\* or "low income\*") and (child\* or teen\* or youth\* or "young person\*" or "young people\*" or adolescen\* or famil\* or parent\*)).hw. (5796)
50 ((chronic or "long term" or long-term) adj2 (illness or ill-health or "ill health" or disease\* or condition\*)).ti,ab. (2562)

51 ((chronic\* or "long term\*" or long-term\*) and (illness\* or ill-health\* or "ill health\*" or disease\* or condition\*)).hw. (2107)

52 ((disabled or disabilit\* or handicap\*) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (4046)

53 ((disabled\* or disabilit\* or handicap\*) and (child\* or teen\* or youth\* or "young person\*" or "young people\*" or adolescen\*)).hw. (6872)

54 or/10-53 (73289)

55 (school\* or pupil\* or teacher or teaching or headteacher\* or headmaster\* or headmistress\*).ti,ab. (26044)

56 (school\* or pupil\* or teacher\* or teaching\* headteacher\* or headmaster\* or headmistress\*).hw. (18829)

57 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (1166)

58 (((city\* or technical\*) and (academy\* or academies\* or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16\*" or post-16\* or "further education\*").hw. (1141)

59 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (371)

60 ("secure\* children\* home\*" or "young\* offender\* institution\*" or "secure\* training\* cent\*" or "secure\* school\*").hw. (269)

61 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (978) 62 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").sh. (35)

63 or/55-62 (31689)

64 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (28397) 65 (medical\* or medicine\* or dental\* or dentist\* or doctor\* or physician\* or nursing\* or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery\* or "higher education\*" or university\* or universities\*).hw. (16552) 66 or/64-65 (35565)

- 66 or/64-65 (35565) 67 63 not 66 (25570)
- 68 9 and 54 and 67 (1014)
- 69 limit 68 to yr="1995 -Current" (965)
- 70 remove duplicates from 69 (960)

#### 11.1.7.2 1st re-run search

Re-ran the original search strategy (11.1.7.1) with the following additional final lines:

```
71 ("202001" or "202002" or "202003" or "202004" or "202005" or "202006" or "202007" or "202008").up. (31613)
72 70 and 71 (87)
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#### 11.1.7.3 2nd re-run search

Re-ran the original search strategy (11.1.7.1) with the following additional final lines:

71("202009" or "202010" or "202011" or "202012" or "202101" or "202102" or"202103" or "202104" or "202105" or "202106" or "202107").up.413587270 and 71124

#### 11.1.8 Web of Science

11.1.8.1	Orig	jinal search
# 38	1,316	(#36 and #37) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=1995-2020
# 37	228,140	(((SU=Education & Educational Research))) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years
# 36	5,112	(#5 and #28 and #35) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years
# 35	225,726	(#33 not #34) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years
# 34	597,566	(TI=(medical or medicine or dental or dentist* or doctor* or physician* or nursing or "teaching hospital*" or undergraduate* or graduate* or postgraduate* or preschool* or pre-school* or nursery or "higher education" or university or universities)) or (AB=(medical or medicine or dental or dentist* or doctor* or physician* or nursing or "teaching hospital*" or undergraduate* or graduate* or postgraduate* or preschool* or pre-school* or nursery or "higher education" or university or universities)) <i>Indexes=SSCI Timespan=All years</i>
# 33	305,159	(#29 or #30 or #31 or #32) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years
# 32	40,701	(TI=("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or

"year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*")) or (AB=("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*")) Indexes=SSCI Timespan=All years

- # 31 68 (TI=("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*")) or (AB=("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*")) Indexes=SSCI Timespan=All years
- # 30 3,465 (TI= (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education")) or (AB= (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education"))

Indexes=SSCI Timespan=All years

		muexes-ssci minespun-All yeurs
# 29	346,047	(TI=(school* or pupil* or teacher* or teaching or headteacher* or headmaster* or headmistress*)) or (AB=(school* or pupil* or teacher* or teaching or headteacher* or headmaster* or headmistress*)) Indexes=SSCI Timespan=All years
# 28	294,470	((#6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27)) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years
# 27	12,836	(TI=((disabled or disabilit* or handicap*) NEAR/3 (child* or teen* or youth* or "young person*" or "young people" or adolescen*))) or (AB=((disabled or disabilit* or handicap*) NEAR/3 (child* or teen* or youth* or "young person*" or "young people" or adolescen*))) Indexes=SSCI Timespan=All years
# 26	46,187	(TI=((chronic or "long term" or long-term) NEAR/2 (illness or ill- health or "ill health" or disease* or condition*))) or (AB=((chronic or "long term" or long-term) NEAR/2 (illness or ill-health or "ill health" or disease* or condition*))) Indexes=SSCI Timespan=All years
# 25	50,061	(TI=((poverty or impoverish* or poor or "low income") and (child* or teen* or youth* or "young person*" or "young people" or adolescen* or famil* or parent*))) or (AB=((poverty or impoverish* or poor or "low income") and (child* or teen* or youth* or "young person*" or adolescen* or "young people" or famil* or parent*))) Indexes=SSCI Timespan=All years
# 24	287	(TI=(runaway* NEAR/3 (child* or teen* or youth* or "young person*" or "young people" or adolescen*))) or (AB=(runaway* NEAR/3 (child* or teen* or youth* or "young person*" or "young people" or adolescen*))) Indexes=SSCI Timespan=All years
# 23	3,351	(TI=((homeless* or housing or street) NEAR/3 (child* or teen* or youth* or "young person*" or "young people" or adolescen*))) or (AB=((homeless* or housing or street) NEAR/3 (child* or teen* or youth* or "young person*" or "young people" or adolescen*))) Indexes=SSCI Timespan=All years
# 22	87,512	(TI=(migrant* or migrat* or immigrant* or refugee* or "asylum seek*")) or (AB=(migrant* or migrat* or immigrant* or refugee* or "asylum seek*")) Indexes=SSCI Timespan=All years
# 21	380	(TI=((move or moving) NEAR/2 (home or house))) or (AB=((move or moving) NEAR/2 (home or house))) Indexes=SSCI Timespan=All years

# 20	925	(TI=((parent* or carer*) and (prison* or imprisoned or incarcerat*))) or (AB=((parent* or carer*) and (prison* or imprisoned or incarcerat*))) Indexes=SSCI Timespan=All years
# 19	18,067	(TI=(((family or parent*) and ((alcohol or drug or substance) and (use* or misuse* or abuse* or addict*)))) or AB=((family or parent*) and ((alcohol or drug or substance) and (use* or misuse* or abuse* or addict*)))) Indexes=SSCI Timespan=All years
# 18	7,769	(TI=((parent* or carer*) NEAR/3 (depress* or anxiet* or "mental health"))) or (AB=((parent* or carer*) NEAR/3 (depress* or anxiet* or "mental health"))) Indexes=SSCI Timespan=All years
# 17	76,030	(TI=(grief or death or bereave* or mourn*)) or (AB=(grief or death or bereave* or mourn*)) Indexes=SSCI Timespan=All years
# 16	2,524	(TI=puberty) or (AB=puberty) Indexes=SSCI Timespan=All years
# 15	9,169	(TI= (child* NEAR/3 (neglect* or mistreat* or maltreat* or molest*))) or (AB= (child* NEAR/3 (neglect* or mistreat* or maltreat* or molest*))) Indexes=SSCI Timespan=All years
# 14	43,127	(TI=((domestic or family or child* or physical or emotional or sexual) NEAR/3 (abuse* or violence or exploit*))) or (AB=((domestic or family or child* or physical or emotional or sexual) NEAR/3 (abuse* or violence or exploit*))) Indexes=SSCI Timespan=All years
# 13	6,564	(TI=((famil* or parent* or marital or marriage) NEAR/3 (break* or split or divorce or separat*))) or (AB=((famil* or parent* or marital or marriage) NEAR/3 (break* or split or divorce or separat*))) Indexes=SSCI Timespan=All years
# 12	1,444	(TI="adverse childhood experience*") or (AB="adverse childhood experience*") Indexes=SSCI Timespan=All years
# 11	7,948	(TI=(life NEAR/2 (chang* or transition* or disrupt*))) or (AB=(life NEAR/2 (chang* or transition* or disrupt*))) Indexes=SSCI Timespan=All years
# 10	43	(TI=(admission* and (casual or "in year" or in-year or fair) and school*)) or (AB=(admission* and (casual or "in year" or in-year or fair) and school*)) Indexes=SSCI Timespan=All years
#9	6,219	(TI=(school* and (exclud* or exclusion* or refus* or isolat*))) or (AB=(school* and (exclud* or exclusion* or refus* or isolat*))) Indexes=SSCI Timespan=All years
# 8	1,005	(TI= "school readiness") or (AB= "school readiness")

Indexes=SSCI Timespan=All years

		mackes-sser milespan-, in years			
#7	12	((TI= ("ready child*" or "ready school*" or "ready famil*")) or (AB= ("ready child*" or "ready school*" or "ready famil*"))) Indexes=SSCI Timespan=All years			
# 6	7,946	((TI=((start* or move or moving or change or changing or enter or entering or entry or admission* or transfer* or settle or settling or transition*) NEAR/2 school*)) or (AB=((start* or move or moving or change or changing or enter or entering or entry or admission* or transfer* or settle or settling or transition*) NEAR/2 school*))) Indexes=SSCI Timespan=All years			
# 5	32,141	((#1 or #2 or #3 or #4)) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=All years			
#4	19,047	((TI=((school* or academic) NEAR/2 (achieve* or attain* or progress* or success or motivat*))) or (AB=((school* or academic) NEAR/2 (achieve* or attain* or progress* or success or motivat*)))) Indexes=SSCI Timespan=All years			
#3	3,388	((TI=(school NEAR/2 (adjust* or maladjust* or engagement* or intergrat* or connected* or belonging))) or (AB=(school NEAR/2 (adjust* or maladjust* or engagement* or intergrat* or connected* or belonging)))) Indexes=SSCI Timespan=All years			
# 2	255	((TI="education* transition*") or (AB="education* transition*")) Indexes=SSCI Timespan=All years			
#1	14,070	((TI=((school* or year or class or "key stage*") and transition*)) or (AB=((school* or year or class or "key stage*") and transition*))) Indexes=SSCI Timespan=All years			

#### 11.1.8.2 1st re-run search

Re-ran the original search strategy (11.1.8.1) with the following additional final lines:

 #39
 109
 (#38) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review)

Indexes=SSCI Timespan=2020

#### 11.1.8.3 2nd re-run search

Re-ran the original search strategy (11.1.8.1) with the following final line:

# 38 **1,316** (#36 and #37) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=2020-2021

#### 11.1.9 CDSR

#### 11.1.9.1 **Original search** ((school\* or year or class or "key stage\*") and transition\*):ti,ab 1928 #1 #2 "education\* transition\*":ti,ab 1 #3 (school NEAR/2 (adjust\* or maladjust\* or engagement\* or intergrat\* or connected\* or belonging)):ti,ab 164 #4 ((school\* or academic) NEAR/2 (achieve\* or attain\* or progress\* or success or motivat\*)):ti,ab 789 #5 {or #1-#4} 2828 #6 ((start\* or move or moving or change or changing or enter or entering or entry or admission\* or transfer\* or settle or settling or transition\*) NEAR/2 school\*):ti,ab 372 ("ready child\*" or "ready school\*" or "ready famil\*"):ti,ab #7 0 #8 "school readiness":ti,ab 117 #9 (school\* and (exclud\* or exclusion\* or refus\* or isolat\*)):ti,ab 1608 #10 (admission\* and (casual or "in year" or in-year or fair) and school\*):ti,ab 2 #11 (life NEAR/2 (chang\* or transition\* or disrupt\*)):ti,ab 1038 #12 "adverse childhood experience\*":ti,ab 10 #13 [mh ^"life change events"] 456 #14 ((famil\* or parent\* or marital or marriage) NEAR/3 (break\* or split or divorce or separat\*)):ti,ab 548 #15 [mh ^"family separation"] or [mh ^divorce] 57 #16 [mh ^"child abuse"] or [mh ^"child abuse, sexual"] 517 #17 ((domestic or family or child\* or physical or emotional or sexual) NEAR/3 (abuse\* or violence or exploit\*)):ti,ab 1866 #18 (child\* NEAR/3 (neglect\* or mistreat\* or maltreat\* or molest\*)):ti,ab 437 #19 puberty:ti,ab 894 #20 [mh ^puberty] 299 #21 (grief or death or bereave\* or mourn\*):ti,ab 52594 #22 [mh ^bereavement] or [mh ^grief] 215 #23 ((parent\* or carer\*) NEAR/3 (depress\* or anxiet\* or "mental health")) 1847 #24 ((family or parent\*) and ((alcohol or drug or substance) NEAR/2 (use\* or misuse\* or abuse\* or addict\*))):ti,ab 2229 #25 ((parent\* or carer\*) and (prison\* or imprisoned or incarcerat\*)):ti,ab 53 #26 ((move or moving) NEAR/2 (home or house)):ti,ab #27 (migrant\* or migrat\* or immigrant\* or refugee\* or "asylum seek\*"):ti,ab4562 #28 [mh ^refugees] or [mh ^"Transients and Migrants"] or [mh ^"Emigrants and Immigrants"] 324 #29 ((homeless\* or housing or street) NEAR/3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)):ti,ab 143 #30 (runaway\* NEAR/3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)):ti,ab 19 #31 [mh ^"homeless youth"] 33 ((poverty or impoverish\* or poor or "low income") and (child\* or teen\* or youth\* or #32 "young person\*" or "young people" or adolescen\* or famil\* or parent\*)):ti,ab 8825 #33 [mh ^poverty] 1376

#34 ((chronic or "long term" or long-term) NEAR/2 (illness or ill-health or "ill health" or disease\* or condition\*)):ti,ab 28219

#35 [mh ^"chronic disease"] 12727

#36 [mh ^"disabled children"] 111

#37((disabled or disabilit\* or handicap\*) NEAR/3 (child\* or teen\* or youth\* or "young<br/>person\*" or "young people" or adolescen\*)):ti,ab1043

#38 {or #6-#37} 112959

#39 (school\* or pupil\* or teacher or teaching or headteacher\* or headmaster\* or headmistress\*):ti,ab 38597

#40 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixthform\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "furthereducation"):ti,ab527

#41 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*"):ti,ab 0

("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year #42 four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*"):ti,ab 34868 #43 [mh ^schools] or [mh ^"school health services"] or [mh ^"school nursing"] or [mh ^"school teachers"] 3002

#44 {or #39-#43} 70952

#45 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or"teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or pre-<br/>school\* or nursery or "higher education" or university or universities):ti,ab222751

#46 #44 not #45 50399

#47 #5 and #38 and #46 315

#48 #47 with Cochrane Library publication date Between Jan 1995 and Jan 2020, inCochrane Reviews 4

#### 11.1.9.2 1st re-run search

Re-ran the original search strategy (11.1.9.1) with the following amended final line:

#48#47 with Cochrane Library publication date Between Jan 2020 and Aug 2020, inCochrane Reviews0

#### 11.1.9.3 2nd re-run search

Re-ran the original search strategy (11.1.9.1) with the following amended final line:

#48 #47 with Cochrane Library publication date Between Sep 2020 and Jul 2021, inCochrane Reviews 0

#### 11.1.10 CENTRAL

11.1.10.1 **Original search** ((school\* or year or class or "key stage\*") and transition\*):ti,ab 1928 #1 #2 "education\* transition\*":ti,ab 1 (school NEAR/2 (adjust\* or maladjust\* or engagement\* or intergrat\* or connected\* #3 or belonging)):ti,ab 164 #4 ((school\* or academic) NEAR/2 (achieve\* or attain\* or progress\* or success or motivat\*)):ti,ab 789 #5 {or #1-#4} 2828 ((start\* or move or moving or change or changing or enter or entering or entry or #6 admission\* or transfer\* or settle or settling or transition\*) NEAR/2 school\*):ti,ab 372 ("ready child\*" or "ready school\*" or "ready famil\*"):ti,ab #7 0 #8 "school readiness":ti,ab 117 #9 (school\* and (exclud\* or exclusion\* or refus\* or isolat\*)):ti,ab 1608 #10 (admission\* and (casual or "in year" or in-year or fair) and school\*):ti,ab 2 #11 (life NEAR/2 (chang\* or transition\* or disrupt\*)):ti,ab 1038 #12 "adverse childhood experience\*":ti,ab 10 #13 [mh ^"life change events"] 456 #14 ((famil\* or parent\* or marital or marriage) NEAR/3 (break\* or split or divorce or separat\*)):ti,ab 548 [mh ^"family separation"] or [mh ^divorce] #15 57 [mh ^"child abuse"] or [mh ^"child abuse, sexual"] #16 517 ((domestic or family or child\* or physical or emotional or sexual) NEAR/3 (abuse\* or #17 violence or exploit\*)):ti,ab 1866 #18 (child\* NEAR/3 (neglect\* or mistreat\* or maltreat\* or molest\*)):ti,ab 437 #19 puberty:ti,ab 894 #20 [mh ^puberty] 299 #21 (grief or death or bereave\* or mourn\*):ti,ab 52594 #22 [mh ^bereavement] or [mh ^grief] 215 ((parent\* or carer\*) NEAR/3 (depress\* or anxiet\* or "mental health")) 1847 #23 #24 ((family or parent\*) and ((alcohol or drug or substance) NEAR/2 (use\* or misuse\* or abuse\* or addict\*))):ti,ab 2229 #25 ((parent\* or carer\*) and (prison\* or imprisoned or incarcerat\*)):ti,ab 53 #26 ((move or moving) NEAR/2 (home or house)):ti,ab #27 (migrant\* or migrat\* or immigrant\* or refugee\* or "asylum seek\*"):ti,ab4562 [mh ^refugees] or [mh ^"Transients and Migrants"] or [mh ^"Emigrants and #28 Immigrants"] 324 #29 ((homeless\* or housing or street) NEAR/3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)):ti,ab 143 (runaway\* NEAR/3 (child\* or teen\* or youth\* or "young person\*" or "young people" #30 or adolescen\*)):ti,ab 19 [mh ^"homeless youth"] #31 33 ((poverty or impoverish\* or poor or "low income") and (child\* or teen\* or youth\* or #32 "young person\*" or "young people" or adolescen\* or famil\* or parent\*)):ti,ab 8825 #33 [mh ^poverty] 1376

#34 ((chronic or "long term" or long-term) NEAR/2 (illness or ill-health or "ill health" or disease\* or condition\*)):ti,ab 28219

#35 [mh ^"chronic disease"] 12727

#36 [mh ^"disabled children"] 111

#37((disabled or disabilit\* or handicap\*) NEAR/3 (child\* or teen\* or youth\* or "young<br/>person\*" or "young people" or adolescen\*)):ti,ab1043

#38 {or #6-#37} 112959

#39 (school\* or pupil\* or teacher or teaching or headteacher\* or headmaster\* or headmistress\*):ti,ab 38597

#40(((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth<br/>form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further<br/>education"):ti,ab527

#41 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*"):ti,ab 0

("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year #42 four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*"):ti,ab 34868 #43 [mh ^schools] or [mh ^"school health services"] or [mh ^"school nursing"] or [mh ^"school teachers"] 3002

#44 {or #39-#43} 70952

#45 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or"teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or pre-<br/>school\* or nursery or "higher education" or university or universities):ti,ab222751

#46 #44 not #45 50399

#47 #5 and #38 and #46 315

#48 "conference":pt or (clinicaltrials or trialsearch):so 446662

#49 #47 not #48 with Publication Year from 1995 to 2020, in Trials 175

#### 11.1.10.2 1st re-run search

Re-ran the original search strategy (11.1.10.1) with the following additional final line:

#50 #49 with Publication Year from 2020 to 2020, in Trials 10

#### 11.1.10.3 2nd re-run search

Re-ran the original search strategy (11.1.10.1) with the following additional final line:

#50 #49 with Publication Year from 2020 to 2021, in Trials 22

### 11.1.11 Google Scholar

11.1.11.1 Original search				
Name	Google Scholar			
URL	https://scholar.google.co.uk/			
Date searched	24 <sup>th</sup> January 2020			
Searcher	RA			
Search terms	school and transition "school transition" wellbeing school transition programs "adverse childhood experiences" school engagement puberty and school "life changes" and school			
How the results were selected	For each search only the first 100 results were reviewed. Only selected documents if the title or abstract were directly relevant and were within the date limits applied to searches for this question (1995-2020)			
Results	100			

|--|

Name	Google Scholar			
URL	https://scholar.google.co.uk/			
Date searched	2 <sup>nd</sup> October 2020			
Searcher	RA			
Search terms	school and transition "school transition" wellbeing school transition programs "adverse childhood experiences" school engagement puberty and school "life changes" and school All searches limited to 2020			
How the results were selected	For each search only the first 100 results were reviewed. Only selected documents if the title or abstract were directly relevant and were within the date limits applied to searches for this question (1995-2020)			
Results	All records were downloaded and added into Eppi Review with the database results.			

#### 11.1.11.3 2nd re-run search

Name	Google Scholar		
URL	https://scholar.google.co.uk/		
Date searched	2 <sup>nd</sup> October 2020		
Searcher	RA		
Search terms	school and transition "school transition" wellbeing school transition programs "adverse childhood experiences" school engagement puberty and school "life changes" and school All searches limited to 2020		
How the results were selected	For each search only the first 100 results were reviewed. Only selected documents if the title or abstract were directly relevant and were within the date limits applied to searches for this question		
Results	69 records were downloaded and added into Eppi Review with the database results.		

### **11.2 Cost-effectiveness searches**

#### 11.2.1 Campbell Collaboration

#### 11.2.1.1 Original searches

Browsed through all reviews under Education subject, limited to English Language and 1995 onwards. None related directly to cost effectiveness or to transitions. Searched for keywords in all subject areas, limited to English Language and 1995 onwards Transition Puberty Adverse childhood experiences Grief Bereavement Homeless Migrant Refugee Poverty Chronic disease Chronic illness Disability School

No cost effectiveness reviews relevant to this review question were identified.

#### 11.2.1.2 Re-run searches

Searched for keywords below, limited to English Language and 31/01/2020-22/07/2021. Transition Puberty Adverse childhood experiences Grief Bereavement Homeless Migrant Refugee Poverty Chronic disease Chronic illness Disability school

No cost effectiveness reviews relevant to this review question were identified.

#### 11.2.2 EconLit

#### 11.2.2.1 Original searches

1 ((school\* or year or class or "key stage\*") and transition\*).ti,ab. (3447)

2 "education\* transition\*".ti,ab. (26)

3 (school adj2 (adjust\* or maladjust\* or engagement\* or intergrat\* or connected\* or belonging)).ti,ab. (26)

4 ((school\* or academic) adj2 (achieve\* or attain\* or progress\* or success or motivat\*)).ti,ab. (1679)

5 or/1-4 (5084)

6 ((start\* or move or moving or change or changing or enter or entering or entry or admission\* or transfer\* or settle or settling or transition\*) adj2 school\*).ti,ab. (873)

7 ("ready child\*" or "ready school\*" or "ready famil\*").ti,ab. (0)

8 "school readiness".ti,ab. (68)

9 (school\* and (exclud\* or exclusion\* or refus\* or isolat\*)).ti,ab. (688)

10 (admission\* and (casual or "in year" or in-year or fair) and school\*).ti,ab. (7)

11 (life adj2 (chang\* or transition\* or disrupt\*)).ti,ab. (436)

12 "adverse childhood experience\*".ti,ab. (6)

13 ((famil\* or parent\* or marital or marriage) adj3 (break\* or split or divorce or separat\*)).ti,ab. (770)

14 ((domestic or family or child\* or physical or emotional or sexual) adj3 (abuse\* or violence or exploit\*)).ti,ab. (943)

15 (child\* adj3 (neglect\* or mistreat\* or maltreat\* or molest\*)).ti,ab. (99)

16 puberty.ti,ab. (33)

17 (grief or death or bereave\* or mourn\*).ti,ab. (4846)

18 ((parent\* or carer\*) adj3 (depress\* or anxiet\* or "mental health")).ti,ab. (53)

19 ((family or parent\*) and ((alcohol or drug or substance) adj2 (use\* or misuse\* or abuse\* or addict\*))).ti,ab. (153)

20 ((parent\* or carer\*) and (prison\* or imprisoned or incarcerat\*)).ti,ab. (83)

21 ((move or moving) adj2 (home or house)).ti,ab. (80)

22 (migrant\* or migrat\* or immigrant\* or refugee\* or "asylum seek\*").ti,ab. (25609)

23 ((homeless\* or housing or street) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (227)

24 (runaway\* adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (2)

25 ((poverty or impoverish\* or poor or "low income") and (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\* or famil\* or parent\*)).ti,ab. (8520)

26 ((chronic or "long term" or long-term) adj2 (illness or ill-health or "ill health" or disease\* or condition\*)).ti,ab. (985)

27 ((disabled or disabilit\* or handicap\*) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (193)

28 or/6-27 (42848)

29 (school\* or pupil\* or teacher or teaching or headteacher\* or headmaster\* or headmistress\*).ti,ab. (40516)

30 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (1002)

31 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (1)

32 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eleven" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 9" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "11th grade\*" or "9th grade\*" or "12th grade\*").ti,ab. (1274)

33 or/29-32 (41584)

34 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (69696)

- 35 33 not 34 (28234)
- 36 5 and 28 and 35 (597)
- 37 limit 36 to yr="1995 -Current" (575)

#### 11.2.2.2 Re-run searches

Re-ran the original search strategy (11.2.2.1) with the following final lines:

37(201910\* or 201911\* or 201912\* or 2020\* or 2021\*).up.1233513836 and 3752

#### 11.2.3 Embase

#### 11.2.3.1 Original searches

- 1 ((school\* or year or class or "key stage\*") and transition\*).ti,ab. (40371)
- 2 "education\* transition\*".ti,ab. (111)
- 3 (school adj2 (adjust\* or maladjust\* or engagement\* or intergrat\* or connected\* or belonging)).ti,ab. (1797)

4 ((school\* or academic) adj2 (achieve\* or attain\* or progress\* or success or motivat\*)).ti,ab. (10899)

5 or/1-4 (52547)

6 ((start\* or move or moving or change or changing or enter or entering or entry or admission\* or transfer\* or settle or settling or transition\*) adj2 school\*).ti,ab. (5487)

- 7 ("ready child\*" or "ready school\*" or "ready famil\*").ti,ab. (8)
- 8 "school readiness".ti,ab. (597)
- 9 (school\* and (exclud\* or exclusion\* or refus\* or isolat\*)).ti,ab. (15153)
- 10 (admission\* and (casual or "in year" or in-year or fair) and school\*).ti,ab. (82)
- 11 (life adj2 (chang\* or transition\* or disrupt\*)).ti,ab. (12079)
- 12 "adverse childhood experience\*".ti,ab. (1997)

13 life event/ or childhood adversity/ (29581)

14 ((famil\* or parent\* or marital or marriage) adj3 (break\* or split or divorce or separat\*)).ti,ab. (8240)

15 Family separation/ or Divorce/ (7230)

16 child abuse/ or child sexual abuse/ (36382)

17 ((domestic or family or child\* or physical or emotional or sexual) adj3 (abuse\* or violence or exploit\*)).ti,ab. (51098)

18 (child\* adj3 (neglect\* or mistreat\* or maltreat\* or molest\*)).ti,ab. (10581)

19 puberty.ti,ab. (35699)

20 Puberty/ (25583)

21 (grief or death or bereave\* or mourn\*).ti,ab. (968734)

22 bereavement/ or grief/ (17371)

23 ((parent\* or carer\*) adj3 (depress\* or anxiet\* or "mental health")).ti,ab. (9020)

24 ((family or parent\*) and ((alcohol or drug or substance) adj2 (use\* or misuse\* or abuse\* or addict\*))).ti,ab. (29382)

25 ((parent\* or carer\*) and (prison\* or imprisoned or incarcerat\*)).ti,ab. (950)

26 ((move or moving) adj2 (home or house)).ti,ab. (264)

27 (migrant\* or migrat\* or immigrant\* or refugee\* or "asylum seek\*").ti,ab. (424894)

28 Refugee/ or migrant/ or immigrant/ or asylum seeker/ (33819)

29 ((homeless\* or housing or street) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (2950)

30 (runaway\* adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (283)

31 Homeless Youth/ (355)

32 ((poverty or impoverish\* or poor or "low income") and (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\* or famil\* or parent\*)).ti,ab. (153011)

33 Poverty/ (44344)

34 ((chronic or "long term" or long-term) adj2 (illness or ill-health or "ill health" or disease\* or condition\*)).ti,ab. (340277)

35 Chronic Disease/ (173494)

36 handicapped child/ (8108)

37 ((disabled or disabilit\* or handicap\*) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (19966)

38 or/6-37 (2185720)

39 (school\* or pupil\* or teacher or teaching or headteacher\* or headmaster\* or headmistress\*).ti,ab. (529449)

40 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (10917)

41 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (76)

42 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (210245)

43 school/ or school health service/ or school health nursing/ or school teacher/ (77144)

44 or/39-43 (740755)

45 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (3514743)

46 44 not 45 (438245)

47 5 and 38 and 46 (3538)

48 limit 47 to english language (3409)

49 48 not (letter or editorial).pt. (3398)

50 (conference abstract or conference paper or conference proceeding or "conference review").pt. (4459277)

- 51 49 not 50 (2653)
- 52 elsevier.cr. (25344102)
- 53 51 and 52 (1428)
- 54 limit 53 to yr="1995 -Current" (1235)

55 health-economics/ or exp economic-evaluation/ or exp health-care-cost/ or pharmacoeconomics/ or Monte Carlo Method/ or Decision Tree/ (576472)

56 (Economic\* or cost or costs or costly or costing or costed or price or prices or pricing or pharmacoeconomic\* or pharmaco economic\* or budget\*).ti,ab. (1029480)

- 57 ((monte adj carlo) or markov or (decision adj2 (tree\$ or analys\$))).ti,ab. (87982)
- 58 (value adj2 (money or monetary)).ti,ab. (3198)

59 Quality of Life/ or Quality Adjusted Life Year/ or Quality of Life Index/ or Short Form 36/ or Health Status/ (585496)

60 (quality of life or quality adjusted life or qaly\* or qald\* or qale\* or qtime\* or quality of wellbeing or quality of well-being or willingness to pay or standard gamble\* or time trade off\* or time tradeoff\*).ti,ab. (430651)

61 (disability adjusted life or daly).ti,ab. (4490)

62 Health\* year\* equivalent\*.ti,ab. (41)

63 (sf36 or sf 36 or short form 36 or shortform 36 or sf thirtysix or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six or sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six or sf12 or sf 12 or short form 12 or shortform 12 or sf twelve or sftwelve or shortform twelve or short form twelve or sf16 or sf 16 or short form 16 or shortform 16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen or sf20 or sf 20 or short form 20 or shortform 20 or sf twenty or sftwenty or shortform twenty or short form twenty or eurogol or euro gol or eq5d or eq 5d).ti,ab. (68325)

64 or/55-63 (1915336)

65 exp animal/ or exp animal-experiment/ or nonhuman/ (26902573)

66 (rat or rats or mouse or mice or hamster or hamsters or animal or animals or dog or dogs or cat or cats or bovine or sheep).ti,ab,sh. (5619895)

- 67 exp human/ or human-experiment/ (20513914)
- 68 65 or 66 (27043518)
- 69 68 not (68 and 67) (6530486)
- 70 (comment or editorial or letter or news).pt. (1747736)

71 (((energy or oxygen) adj cost\*) or (metabolic adj cost\*) or ((energy or oxygen) adj expenditure\*)).ti,ab. (37671)

- 72 or/69-71 (8240344)
- 73 64 not 72 (1684952)
- 74 54 and 73 (212)

#### 11.2.3.2 Re-run searches

Re-ran the original search strategy (11.2.3.1) with the following additional final line:

75 limit 74 to dc=20200131-20210722 40

#### 11.2.4 Medline

#### 11.2.4.1 Original searches

- 1 ((school\* or year or class or "key stage\*") and transition\*).ti,ab. (21438)
- 2 "education\* transition\*".ti,ab. (63)
- 3 (school adj2 (adjust\* or maladjust\* or engagement\* or intergrat\* or connected\* or belonging)).ti,ab. (1357)
- 4 ((school\* or academic) adj2 (achieve\* or attain\* or progress\* or success or
- motivat\*)).ti,ab. (7938)
- 5 or/1-4 (30367)
- 6 ((start\* or move or moving or change or changing or enter or entering or entry or admission\* or transfer\* or settle or settling or transition\*) adj2 school\*).ti,ab. (3952)
- 7 ("ready child\*" or "ready school\*" or "ready famil\*").ti,ab. (4)
- 8 "school readiness".ti,ab. (459)
- 9 (school\* and (exclud\* or exclusion\* or refus\* or isolat\*)).ti,ab. (8286)
- 10 (admission\* and (casual or "in year" or in-year or fair) and school\*).ti,ab. (59)
- 11 (life adj2 (chang\* or transition\* or disrupt\*)).ti,ab. (7444)
- 12 "adverse childhood experience\*".ti,ab. (1085)
- 13 Life Change Events/ (22473)
- 14 ((famil\* or parent\* or marital or marriage) adj3 (break\* or split or divorce or separat\*)).ti,ab. (5928)
- 15 Family separation/ or Divorce/ (4651)
- 16 child abuse/ or child abuse, sexual/ (29876)
- 17 ((domestic or family or child\* or physical or emotional or sexual) adj3 (abuse\* or violence or exploit\*)).ti,ab. (36163)
- 18 (child\* adj3 (neglect\* or mistreat\* or maltreat\* or molest\*)).ti,ab. (7622)
- 19 puberty.ti,ab. (24426)
- 20 Puberty/ (13156)
- 21 (grief or death or bereave\* or mourn\*).ti,ab. (603896)
- 22 bereavement/ or grief/ (12992)
- 23 ((parent\* or carer\*) adj3 (depress\* or anxiet\* or "mental health")).ti,ab. (5752)
- 24 ((family or parent\*) and ((alcohol or drug or substance) adj2 (use\* or misuse\* or abuse\* or addict\*))).ti,ab. (18268)
- 25 ((parent\* or carer\*) and (prison\* or imprisoned or incarcerat\*)).ti,ab. (624)
- 26 ((move or moving) adj2 (home or house)).ti,ab. (165)
- 27 (migrant\* or migrat\* or immigrant\* or refugee\* or "asylum seek\*").ti,ab. (292812)
- 28 Refugees/ or "Transients and Migrants"/ or "Emigrants and Immigrants"/ (30819)
- 29 ((homeless\* or housing or street) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (2176)

30 (runaway\* adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (232)

31 Homeless Youth/ (1252)

32 ((poverty or impoverish\* or poor or "low income") and (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\* or famil\* or parent\*)).ti,ab. (92456)

33 Poverty/ (36696)

34 ((chronic or "long term" or long-term) adj2 (illness or ill-health or "ill health" or disease\* or condition\*)).ti,ab. (198146)

35 Chronic Disease/ (259674)

36 Disabled Children/ (6114)

37 ((disabled or disabilit\* or handicap\*) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (14332)

38 or/6-37 (1548776)

39 (school\* or pupil\* or teacher or teaching or headteacher\* or headmaster\* or headmistress\*).ti,ab. (367968)

40 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (4720)

41 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (50)

42 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (101661) schools/ or school health services/ or school nursing/ or school teachers/ (55843) 43

44 or/39-43 (469138)

45 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (2183172)

46 44 not 45 (280624)

47 5 and 38 and 46 (2424)

48 limit 47 to (letter or historical article or comment or editorial or news or case reports)(50)

49 47 not 48 (2374)

50 limit 49 to english language (2291)

51 limit 50 to yr="1995 -Current" (2031)

52 Economics/ or exp "Costs and Cost Analysis"/ or Economics, Dental/ or exp Economics, Hospital/ or exp Economics, Medical/ or Economics, Nursing/ or Economics, Pharmaceutical/ or Budgets/ or exp Models, Economic/ or Markov Chains/ or Monte Carlo Method/ or Decision Trees/ (339475) 53 (Economic\* or cost or costs or costly or costing or costed or price or prices or pricing or pharmacoeconomic\* or pharmaco economic\* or budget\*).ti,ab. (637179)

54 ((monte adj carlo) or markov or (decision adj2 (tree\$ or analys\$))).ti,ab. (52952)

55 (value adj2 (money or monetary)).ti,ab. (1901)

56 Quality of Life/ or Health Status Indicators/ or Quality-Adjusted Life Years/ or Value of Life/ (219369)

57 (quality of life or quality adjusted life or qaly\* or qald\* or qale\* or qtime\* or quality of wellbeing or quality of well-being or willingness to pay or standard gamble\* or time trade off\* or time tradeoff\*).ti,ab. (225374)

58 (disability adjusted life or daly).ti,ab. (2893)

59 health\* year\* equivalent\*.ti,ab. (38)

60 (sf36 or sf 36 or short form 36 or shortform 36 or sf thirtysix or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).ti,ab. (21883)

61 (sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six).ti,ab. (1291)

62 (sf12 or sf 12 or short form 12 or shortform 12 or sf twelve or sftwelve or shortform twelve).ti,ab. (4697)

63 (sf16 or sf 16 or short form 16 or shortform 16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).ti,ab. (28)

64 (sf20 or sf 20 or short form 20 or shortform 20 or sf twenty or sftwenty or shortform twenty).ti,ab. (376)

- 65 (euroqol or euro qol or eq5d or eq 5d).ti,ab. (8442)
- 66 or/52-65 (1095948)

67 (((energy or oxygen) adj cost\*) or (metabolic adj cost\*) or ((energy or oxygen) adj expenditure\*)).ti,ab. (26775)

- 68 Animals/ not humans/ (4636018)
- 69 (comment or editorial or letter or news).pt. (1827740)
- 70 or/67-69 (6407499)
- 71 66 not 70 (972562)
- 72 51 and 71 (268)

#### 11.2.4.2 Re-run searches

Re-ran the original search strategy (11.2.4.1) with the following additional final line:

73 limit 72 to ed=20200120-20210722 44

#### 11.2.5 Medline in Process

#### 11.2.5.1 Original searches

- 1 ((school\* or year or class or "key stage\*") and transition\*).ti,ab. (5920)
- 2 "education\* transition\*".ti,ab. (12)

3 (school adj2 (adjust\* or maladjust\* or engagement\* or intergrat\* or connected\* or belonging)).ti,ab. (265)

4 ((school\* or academic) adj2 (achieve\* or attain\* or progress\* or success or motivat\*)).ti,ab. (1377)

5 or/1-4 (7472)

6 ((start\* or move or moving or change or changing or enter or entering or entry or admission\* or transfer\* or settle or settling or transition\*) adj2 school\*).ti,ab. (490)

7 ("ready child\*" or "ready school\*" or "ready famil\*").ti,ab. (1)

8 "school readiness".ti,ab. (101)

9 (school\* and (exclud\* or exclusion\* or refus\* or isolat\*)).ti,ab. (1033)

10 (admission\* and (casual or "in year" or in-year or fair) and school\*).ti,ab. (8)

11 (life adj2 (chang\* or transition\* or disrupt\*)).ti,ab. (1080)

12 "adverse childhood experience\*".ti,ab. (358)

13 ((famil\* or parent\* or marital or marriage) adj3 (break\* or split or divorce or separat\*)).ti,ab. (759)

14 ((domestic or family or child\* or physical or emotional or sexual) adj3 (abuse\* or violence or exploit\*)).ti,ab. (3858)

15 (child\* adj3 (neglect\* or mistreat\* or maltreat\* or molest\*)).ti,ab. (1035)

16 puberty.ti,ab. (2162)

17 (grief or death or bereave\* or mourn\*).ti,ab. (66583)

18 ((parent\* or carer\*) adj3 (depress\* or anxiet\* or "mental health")).ti,ab. (895)

19 ((family or parent\*) and ((alcohol or drug or substance) adj2 (use\* or misuse\* or abuse\* or addict\*))).ti,ab. (2240)

20 ((parent\* or carer\*) and (prison\* or imprisoned or incarcerat\*)).ti,ab. (108)

21 ((move or moving) adj2 (home or house)).ti,ab. (29)

22 (migrant\* or migrat\* or immigrant\* or refugee\* or "asylum seek\*").ti,ab. (44847)

23 ((homeless\* or housing or street) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (297)

24 (runaway\* adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (24)

((poverty or impoverish\* or poor or "low income") and (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\* or famil\* or parent\*)).ti,ab. (13521)
((chronic or "long term" or long-term) adj2 (illness or ill-health or "ill health" or disease\* or condition\*)).ti,ab. (30036)

27 ((disabled or disabilit\* or handicap\*) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*)).ti,ab. (1309)

28 or/6-27 (162390)

29 (school\* or pupil\* or teacher or teaching or headteacher\* or headmaster\* or headmistress\*).ti,ab. (48870)

30 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (702)

31 ("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*").ti,ab. (8)

32 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 9" or "grade ten" or "fourth grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "8th grade\*" or "0 th grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (13098)

#### 33 or/29-32 (60366)

34 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (295876)

35 33 not 34 (35831)

36 5 and 28 and 35 (349)

37 limit 36 to english language (348)

38 limit 37 to yr="1995 -Current" (333)

39 Economics/ or exp "Costs and Cost Analysis"/ or Economics, Dental/ or exp Economics, Hospital/ or exp Economics, Medical/ or Economics, Nursing/ or Economics, Pharmaceutical/ or Budgets/ or exp Models, Economic/ or Markov Chains/ or Monte Carlo Method/ or Decision Trees/ (0)

40 (Economic\* or cost or costs or costly or costing or costed or price or prices or pricing or pharmacoeconomic\* or pharmaco economic\* or budget\*).ti,ab. (128858)

41 ((monte adj carlo) or markov or (decision adj2 (tree\$ or analys\$))).ti,ab. (21638)

42 (value adj2 (money or monetary)).ti,ab. (330)

43 Quality of Life/ or Health Status Indicators/ or Quality-Adjusted Life Years/ or Value of Life/ (0)

44 (quality of life or quality adjusted life or qaly\* or qald\* or qale\* or qtime\* or quality of wellbeing or quality of well-being or willingness to pay or standard gamble\* or time trade off\* or time tradeoff\*).ti,ab. (37481)

45 (disability adjusted life or daly).ti,ab. (540)

46 health\* year\* equivalent\*.ti,ab. (2)

47 (sf36 or sf 36 or short form 36 or shortform 36 or sf thirtysix or sf thirty six or shortform thirtysix or short form thirty six or short form thirty six).ti,ab. (2564)

48 (sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six).ti,ab. (746)

49 (sf12 or sf 12 or short form 12 or shortform 12 or sf twelve or sftwelve or shortform twelve).ti,ab. (710)

50 (sf16 or sf 16 or short form 16 or shortform 16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).ti,ab. (5)

51 (sf20 or sf 20 or short form 20 or shortform 20 or sf twenty or sftwenty or shortform twenty).ti,ab. (19)

52 (euroqol or euro qol or eq5d or eq 5d).ti,ab. (1585)

53 or/39-52 (182461)

54 (((energy or oxygen) adj cost\*) or (metabolic adj cost\*) or ((energy or oxygen) adj expenditure\*)).ti,ab. (3437)

- 55 Animals/ not humans/ (0)
- 56 (comment or editorial or letter or news).pt. (150001)
- 57 or/54-56 (153410)
- 58 53 not 57 (179013)
- 59 38 and 58 (41)

#### 11.2.5.2 Re-run searches

Re-ran the original search strategy (11.2.5.1) with the following additional final line:

60 limit 59 to dt=20200131-20210722 5

### 11.2.6 NHS EED & HTA

#### 11.2.6.1 Original searches

1 (((school\* or year or class or "key stage\*") and transition\*)) 1072

2 ("education\* transition\*") 1

3 ((school adj2 (adjust\* or maladjust\* or engagement\* or intergrat\* or connected\* or belonging))) 4

4 (((school\* or academic) adj2 (achieve\* or attain\* or progress\* or success or motivat\*))) 32 5 #1 OR #2 OR #3 OR #4 1103

6 (((start\* or move or moving or change or changing or enter or entering or entry or admission\* or transfer\* or settle or settling or transition\*) adj2 school\*)) 10

7 (("ready child\*" or "ready school\*" or "ready famil\*")) 0

8 ("school readiness") 1

9 ((school\* and (exclud\* or exclusion\* or refus\* or isolat\*))) 629

10 ((admission\* and (casual or "in year" or in-year or fair) and school\*)) 6

11 ((life adj2 (chang\* or transition\* or disrupt\*))) 76

12 ("adverse childhood experience\*") 0

13 MeSH DESCRIPTOR life change events 15

14 (((famil\* or parent\* or marital or marriage) adj3 (break\* or split or divorce or separat\*))) 15

15 MeSH DESCRIPTOR divorce 0

16 MeSH DESCRIPTOR child abuse EXPLODE ALL TREES 82

17 (((domestic or family or child\* or physical or emotional or sexual) adj3 (abuse\* or violence or exploit\*))) 187

18 ((child\* adj3 (neglect\* or mistreat\* or maltreat\* or molest\*))) 48

19 (puberty) 25

20 MeSH DESCRIPTOR puberty 3

21 ((grief or death or bereave\* or mourn\*)) 5314

22 MeSH DESCRIPTOR bereavement EXPLODE ALL TREES 14

23 (((parent\* or carer\*) adj3 (depress\* or anxiet\* or "mental health"))) 51

24 (((family or parent\*) and ((alcohol or drug or substance) adj2 (use\* or misuse\* or abuse\* or addict\*)))) 211

25 (((parent\* or carer\*) and (prison\* or imprisoned or incarcerat\*))) 11

26 (((move or moving) adj2 (home or house))) 1

27 ((migrant\* or migrat\* or immigrant\* or refugee\* or "asylum seek\*")) 209

28 ((MeSH DESCRIPTOR Emigrants and Immigrants) or (MeSH DESCRIPTOR Refugees)) 35

29 (((homeless\* or housing or street) adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*))) 19

30 ((runaway\* adj3 (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\*))) 5

31 MeSH DESCRIPTOR homeless youth 3

32 (((poverty or impoverish\* or poor or "low income") and (child\* or teen\* or youth\* or "young person\*" or "young people" or adolescen\* or famil\* or parent\*))) 1480

33 MeSH DESCRIPTOR poverty 108

34 (((chronic or "long term" or long-term) adj2 (illness or ill-health or "ill health" or disease\* or condition\*))) 3260

35 MeSH DESCRIPTOR chronic disease 1249

36 MeSH DESCRIPTOR disabled children 40

37 (((disabled or disabilit\* or handicap\*) adj3 (child\* or teen\* or youth\* or "young person\*"

or "young people" or adolescen\*))) 88

38 #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 10603 39 ((school\* or pupil\* or teacher or teaching or headteacher\* or headmaster\* or headmistress\*)) 2083 40 ((((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education")) 66 41 (("secure children\* home\*" or "young offender\* institution\*" or "secure training cent\*" or "secure school\*")) 0 42 MeSH DESCRIPTOR schools 168 43 MeSH DESCRIPTOR school health services 159 44 MeSH DESCRIPTOR school nursing 8 45 MeSH DESCRIPTOR school teachers 0 46 #39 OR #40 OR #41 OR #42 OR #43 OR #44 OR #45 2141 47 #5 AND #38 AND #46 57 48 (#47) IN NHSEED FROM 1995 TO 2020 30

49 (#47) IN HTA FROM 1995 TO 2020 1

#### 11.2.6.2 Re-run searches

NHS EED has not been updated since March 2015 so has not been searched again for this update.

HTA search was rerun in CRD. No results from within the timescale were found

# **12.Website browsing**

## **12.1 Effectiveness searches**

Name	Google				
URL	www.google.co.uk				
Date searched	24 <sup>th</sup> January 2020				
Searcher	RA				
Search terms	school and transition				
	"school transition" wellbeing				
	school transition programs				
	"adverse childhood experiences" school engagement				
	puberty and school				
	"life changes" and school				
How the results were selected	For each search only the first 50 results were reviewed. Only selected UK based published documents if the title or abstract were directly relevant and were within the date limits applied to searches for this question (1995-2020). Publications from individual local authorities or school were not included.				
	Only items not identified elsewhere are listed here.				
Results	<ul> <li>Frances Rice, Norah Frederickson, Katherine Shelton, Chris</li> <li>McManus, Lucy Riglin, Terry Ng-Knight (no date) Identifying factors that predict successful and difficult</li> </ul>				
	transitions to secondary school				
	<ul> <li>Department for children, schools and families (2008) What Makes a Successful Transition from Primary to Secondary School?</li> </ul>				
	<ul> <li>van Rens, M., Haelermans, C., Groot, W. et al. Facilitating a Successful Transition to Secondary School: (How) Does it Work? A Systematic Literature Review. Adolescent Res Rev 3, 43–56 (2018).</li> <li>Young Minds (no date) Transition tips for pupils with SEND</li> </ul>				
	<ul> <li>Scottish Government (2019) Primary to secondary school transitions: systematic literature review</li> <li>ASDAN (2018) Lift Off: supporting the transition from</li> </ul>				
	<ul> <li>primary to secondary education</li> <li>Kathleen M. Cauley and Donna Jovanovich (2006) Developing an Effective Transition Program for Students Entering Middle School or High School. The</li> </ul>				
	<ul> <li>Clearing House Vol. 80, No. 1 (Sep Oct., 2006), pp. 15-25</li> <li>STEP (2015) A Review of Scottish and International</li> </ul>				
	Models of School Transitions				
1 <sup>st</sup> re-run	Searched for				
24/01/2020	school and transition				
	"school transition" wellbeing				
	school transition programs				

[						
	"adverse childhood experiences" school engagement puberty and school					
	"life changes" and school					
	For each search only the first 50 results were reviewed. Only selected UK based published documents if the title or abstract were directly relevant and published in 2020 were selected. Publications from individual local authorities or school were not included. Only items not identified elsewhere were included.					
	<ul> <li>The Psychologist (2020) All change at school – a signpost to a good transition</li> <li>BERA (2020) School transition, socioeconomic inequalities in wellbeing and the Covid-19 pandemic</li> <li>SecEd (2020) Vulnerable students: Planning for transition back to school</li> <li>RSA (2020) Pinball kids: preventing school exclusions</li> <li>Early Intervention Foundation (2020) Adverse childhood experiences: What we know, what we don't know, and what should happen next</li> <li>The Communication Trust (2020) The Science and Technology Committee examine the strength of the evidence linking adverse childhood experiences with long-term negative outcomes, the evidence base for related interventions, whether evidence is being used effectively in policy-making, and the support and oversight for research into this area.</li> <li>Young Minds (2020) Trauma information schools</li> <li>Scottish Government (2020) Adverse childhood</li> </ul>					
	experiences (ACEs)					

A number of websites were searched as part of the main 'interventions' RQ searches for the topic. Any results relevant to any part of Social, emotional and mental wellbeing in primary and secondary education were included in the results so no further searches have been carried out for transitions specific results.

## **12.2 Cost-effectiveness searches**

Web searches took place as part of the effectiveness searches. None of the results found are relevant to cost effectiveness

## **Risk Factor Searches**

## **13. Review question details**

Topic: Social, emotional and mental wellbeing in primary, secondary and further education

Review question 2: What are the risk factors associated with social, emotional and mental wellbeing?

- 2.1 What are the risk factors associated with social, emotional and mental wellbeing?
- 2.2 What are the barriers and facilitators to identifying children and young people at risk of poor social, emotional and mental wellbeing?
- 2.3 What is the usefulness (effectiveness and acceptability) of assessment tools to assess need for additional SEMW support in children and young people who have been identified as having poor social, emotional and mental wellbeing using 'soft intelligence' for example behaviours, school attendance, drop off in engagement?

## **14.Database strategy outline**

### 14.1 Overview

A NICE information specialist conducted the literature searches for the evidence review. The searches for the effectiveness evidence were run on 18-25<sup>th</sup> March 2020.

The principal search strategy was developed in MEDLINE (Ovid interface) and adapted, as appropriate, for use in the other sources listed in the protocol, taking into account their size, search functionality and subject coverage.

The search covers review question 2.

The searches were developed in line with the NICE guidelines development manual (PMG20, 2014), which states that:

"NICE encourages the use of search methods that balance recall and precision. The aim is to identify the best available evidence to address a particular question without producing an unmanageable volume of results".

## 14.2 Filters and limits

The initial search was developed in Medline. Line references below refer to the original Medline strategy.

English language limits were applied in adherence to standard NICE practice and the review protocol.

Limits to exclude letters, editorials, news and conferences were applied in adherence to standard NICE practice and the review protocol.

The search was limited from 2007 to current as defined in the review protocol. The limit to remove animal studies in the searches was the standard NICE practice, which has been adapted from: Dickersin, K., Scherer, R., & Lefebvre, C. (1994). <u>Systematic Reviews: Identifying relevant studies for systematic reviews</u>. *BMJ*, 309(6964), 1286.

### 14.3 Search re-runs

The searches were re run in September 2020 and again in July 2021. In each case the strategy was re-run in the database with a final line limiting to the date of the previous search in order to find new records published or added to the database since the previous search. In some databases the functionality allows to limit to a specific day (the exact day the previous search was run), others only allow limits to a particular month or year. Where the database functionality allowed, the date limit relates to the date the record was added to the database. Where this was not available as an option the date limit is simply the date published.

## 14.4 Quality assurance

The Information Services team at NICE quality assured the principal search strategy and peer reviewed the strategies for the other databases according to the standard

NICE checklist that was adapted from the 2015 Peer review of electronic search strategies (PRESS) checklist.

### 14.5 Review management

The search results were managed in EPPI-Reviewer v5. Duplicates were removed in EPPI-R5 using a two-step process. First, automated deduplication is performed using a high-value algorithm. Second, manual deduplication is used to assess 'low-probability' matches. All decisions made for the review can be accessed via the deduplication history.

## 15. Search dates

## **15.1 Effectiveness searches**

Database name	Date searched	Database Platform	Database segment or version
	Original searches		Ovid MEDLINE(R) 1946 to March 19, 2020
	20/03/2020		
Medline	1 <sup>st</sup> Rerun searches	Ovid	Ovid MEDLINE(R) 1946 to September 28, 2020
	28/09/2020		
	2 <sup>nd</sup> Rerun searches		Ovid MEDLINE(R) 1946 to July 13, 2021
	14/07/2021		
	Original searches		Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations 1946 to March
	20/03/2020	Ovid	19, 2020
Medline in	1 <sup>st</sup> Rerun searches		Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations 1946 to
Process	28/09/2020		September 28, 2020
	2 <sup>nd</sup> Rerun searches		Ovid MEDLINE(R) In-Process & In- Data-Review Citations 1946 to July
	14/07/2021		13, 2021
	Original searches		Ovid MEDLINE(R) Epub Ahead of Print March 19, 2020
	20/03/2020		
Medline epubs	1 <sup>st</sup> Rerun searches	Ovid	Ovid MEDLINE(R) Epub Ahead of Print September 28, 2020
	28/09/2020		
	2 <sup>nd</sup> Rerun searches		Ovid MEDLINE(R) Epub Ahead of Print July 13, 2021
	14/07/2021		
Embase	Original searches	Ovid	Embase 1974 to 2020 Week 11
	20/03/2020		

	1 <sup>st</sup> Rerun searches		Embase 1974 to 2020 Week 39
	28/09/2020		
	2 <sup>nd</sup> Rerun searches		Embase 1996 to 2021 July 13
	14/07/2021		
psycINFO	1 <sup>st</sup> Rerun searches		APA PsycInfo 1806 to March Week 3 2020
	20/03/2020		
	2 <sup>nd</sup> Rerun searches	Ovid	APA PsycInfo 1806 to September Week 3 2020
	28/09/2020		
	2 <sup>nd</sup> Rerun searches		APA PsycInfo 1806 to July Week 1 2021
	14/07/2021		
	Original searches		
	20/03/2020	Proquest	ERIC
ERIC	1 <sup>st</sup> Rerun searches		
	29/09/2020		
	2 <sup>nd</sup> Rerun searches		
	14/07/2021		
	Original searches		Social Policy and Practice 202001
Social Policy & Practice (SPP)	20/02/2020	Ovid	
	1 <sup>st</sup> Rerun searches		Social Policy and Practice 202007
	28/09/2020		
	2 <sup>nd</sup> Rerun searches		Social Policy and Practice 202104
	14/07/2021		
Web of Science	Original searches	Web of	
	18/03/2020	Science	Web of Science

			1				
	1 <sup>st</sup> Rerun searches						
	29/09/2020						
	2 <sup>nd</sup> Rerun searches						
	14/07/2021						
Cochrane Database of Systematic Reviews (CDSR)	Original searches		Issue 3 of 12, March 2020				
	24/03/2020						
	1 <sup>st</sup> Rerun searches	Wiley	Issue 9 of 12, September 2020				
	29/09/2020						
	2 <sup>nd</sup> Rerun searches		Issue 7 of 12, July 2021				
	14/07/2021						
Cochrane Central Register of Controlled Trials (CENTRAL)	Original searches	Wiley	Issue 3 of 12, March 2020				
	24/03/2020						
	1 <sup>st</sup> Rerun searches		Issue 9 of 12, September 2020				
	29/09/2020						
	2 <sup>nd</sup> Rerun searches		Issue 7 of 12, July 2021				
	14/07/2021						
Google Scholar	Original searches	Google Scholar					
	25/03/2020						
	1 <sup>st</sup> Rerun searches		Google Scholar				
	29/09/2020						
	2 <sup>nd</sup> Rerun searches						
	14/07/2021						

## **16.Number of records retrieved**

### **16.1 Effectiveness search**

Search source	No. of records retrieved (original searches)	Results	De- duplicated	No. of records retrieved (1 <sup>st</sup> rerun searches)	Results	De- duplicated	No. of records retrieved (2 <sup>nd</sup> rerun searches)	Results	De- duplicated
Medline	5176	20042	14083	186	900	514	345	3008	2271
Medline in Process	565			136			83		
Medline epubs	156			63			89		
Embase	3386			222			446		
psycINFO	4713			138			282		
ERIC	3049			7			1344		
Social Policy & Practice	2212			25			285		
Web of Science	380			17			27		
Cochrane Database of Systematic Reviews (CDSR)	174			9			14		
Cochrane Central Register of Controlled Trials (CENTRAL)	159			11			26		
Google Scholar	72			86			67		

## **17.Database search strategies**

## **17.1 Effectiveness searches**

#### 17.1.1 Medline

#### 17.1.1.1 Original searches

1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) adj3 (wellbeing or well-being or wellness)).ti,ab. (7689)

- 2 (resilien\* or coping).ti,ab. (65450)
- 3 Adaptation, Psychological/ or Resilience, Psychological/ (96910)

4 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or "zones of regulation").ti,ab. (74173)

- 5 Emotional Intelligence/ (2055)
- 6 Self Concept/ or self efficacy/ (74765)
- 7 Emotional Adjustment/ or Social Adjustment/ (23763)
- 8 ((social or interpersonal or communication or relationship\* or friend\*) adj2 (skill\* or competence\* or attribute\*)).ti,ab. (19197)
- 9 empathy.ti,ab. (9424)
- 10 Social Behavior/ or Social Values/ or Social Skills/ (71856)
- 11 ("personal development" or "youth development").ti,ab. (2118)
- 12 Mental Health/ (36828)

13 (mental adj2 (health or wellbeing or well-being or "well being" or wellness)).ti,ab. (114810)

14 ((psychological or "psycho social" or psycho-social or psychosocial) adj2 (wellbeing or "well being" or well-being)).ti,ab. (9978)

15 ((anxiety or anxious or depression or depressed or depressive or stress\*) adj2 (child\* or teen\* or adolescen\* or youth\* or "young people" or "young person\*")).ti,ab. (15788)

- 16 "adverse childhood experience\*".ti,ab. (1125)
- 17 ((ACE or ACEs) and child\*).ti,ab. (1314)
- 18 "child\* trauma\*".ti,ab. (3210)
- 19 "Child\* adversity".ti,ab. (1029)
- 20 \*Life Change Events/ (10418)
- 21 or/1-20 (479337)

22 Child/ or Child Health/ or Child Welfare/ or Adolescent/ or Adolescent Health/ (2774367)

23 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preadolescen\* or preadolescen\* or pre-teen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or "school age\*" or school-age\* or schoolage\* or K-12).ti,ab. (1722814)

24 or/22-23 (3426878)

25 (school\* or pupil\* or teacher\* or headteach\* or head-teach\* or headmaster\* or headmistress\*).ti,ab. (279211)

26 ((school\* or academy or academies or teacher) adj3 principal\*).ti,ab. (431)

27 schools/ or teaching/ or school health services/ or school nursing/ or school teachers/ (103235)
28 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (4752)

29 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (102492) 30 or/25-29 (417445)

 31 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (2197699)

- 32 30 not 31 (278506)
- 33 24 and 32 (155206)
- 34 21 and 33 (24029)
- 35 (risk adj2 (assess\* or measure\* or tool\*)).ti,ab. (89595)
- 36 ("risk factor\*" or "high risk" or "at risk" or "relative risk").ti,ab. (849741)
- 37 ((education\* or social) adj risk\*).ti,ab. (1367)
- 38 \*risk/ (4036)
- 39 Risk Factors/ (808420)
- 40 risk assessment/ (258239)
- 41 (protective adj (factor\* or characteristic\*)).ti,ab. (14669)
- 42 Protective Factors/ (3923)
- 43 (predictor\* or prevalence\* or determinant\* or incidence\*).ti. (302695)
- 44 \*Prevalence/ or \*Incidence/ (1298)
- 45 ((detrimental or poor\* or worse or negative\*) adj2 outcome\*).ti,ab. (78794)
- 46 (vulnerab\* adj2 (child\* or adolescen\* or teen\* or youth\* or "young person\*" or "young people" or pupil\*)).ti,ab. (2630)
- 47 Vulnerable populations/ (10086)
- 48 or/35-47 (1783526)
- 49 34 and 48 (5975)
- 50 limit 49 to english language (5686)
- 51 limit 50 to (letter or historical article or comment or editorial or news or case reports)

(54)

- 52 50 not 51 (5632)
- 53 limit 52 to yr="1995 2020" (5181)
- 54 remove duplicates from 53 (5176)

## 17.1.1.2 1st re-run search

Re-ran the original search strategy (17.1.1.1) with the following additional final line:

55 limit 54 to ed=20200320-20200901 (186)

## 17.1.1.3 2nd re-run search

Re-ran the original search strategy (17.1.1.1) with the following additional final line: limit 54 to ed=20200901-20210714 345

## 17.1.2 Medline in Process

## 17.1.2.1 Original search

1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) adj3 (wellbeing or well-being or wellness)).ti,ab. (1476)

2 (resilien\* or coping).ti,ab. (12454)

3 Adaptation, Psychological/ or Resilience, Psychological/ (0)

4 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or "zones of regulation").ti,ab. (13590)

5 ((social or interpersonal or communication or relationship\* or friend\*) adj2 (skill\* or competence\* or attribute\*)).ti,ab. (3055)

6 empathy.ti,ab. (1909)

7 ("personal development" or "youth development").ti,ab. (331)

8 (mental adj2 (health or wellbeing or well-being or "well being" or wellness)).ti,ab. (20526)

9 ((psychological or "psycho social" or psycho-social or psychosocial) adj2 (wellbeing or "well being" or well-being)).ti,ab. (1889)

10 ((anxiety or anxious or depression or depressed or depressive or stress\*) adj2 (child\* or teen\* or adolescen\* or youth\* or "young people" or "young person\*")).ti,ab. (2417)

11 "adverse childhood experience\*".ti,ab. (374)

12 ((ACE or ACEs) and child\*).ti,ab. (313)

13 "child\* trauma\*".ti,ab. (686)

14 "Child\* adversity".ti,ab. (233)

15 or/1-14 (52684)

16 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preadolescen\* or preadolescen\* or pre-teen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or "school age\*" or school-age\* or schoolage\* or K-12).ti,ab. (188866)

17 (school\* or pupil\* or teacher\* or headteach\* or head-teach\* or headmaster\* or headmistress\*).ti,ab. (37184)

18 ((school\* or academy or academies or teacher) adj3 principal\*).ti,ab. (71)

19 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (719)

20 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key

stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (13549)

21 or/17-20 (49216)

22 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (303703)

- 23 21 not 22 (33542)
- 24 16 and 23 (15289)
- 25 15 and 24 (2664)
- 26 (risk adj2 (assess\* or measure\* or tool\*)).ti,ab. (12533)
- 27 ("risk factor\*" or "high risk" or "at risk" or "relative risk").ti,ab. (112133)
- 28 ((education\* or social) adj risk\*).ti,ab. (208)
- 29 (protective adj (factor\* or characteristic\*)).ti,ab. (2555)
- 30 (predictor\* or prevalence\* or determinant\* or incidence\*).ti. (37218)
- 31 ((detrimental or poor\* or worse or negative\*) adj2 outcome\*).ti,ab. (13640)
- 32 (vulnerab\* adj2 (child\* or adolescen\* or teen\* or youth\* or "young person\*" or "young people" or pupil\*)).ti,ab. (441)
- 33 or/26-32 (162440)
- 34 25 and 33 (591)
- 35 limit 34 to english language (586)
- 36 limit 35 to yr="1995 -Current" (574)
- 37 remove duplicates from 36 (565)

## 17.1.2.2 1st re-run search

Re-ran the original search strategy (17.1.2.1) with the following final line:

37 limit 36 to dt=20200320-20200901 (136)

## 17.1.2.3 2nd re-run search

Re-ran the original search strategy (17.1.2.1) with the following final line:

37limit 36 to dt=20200901-2021071483

## 17.1.3 Medline epubs

## 17.1.3.1 Original search

1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) adj3 (wellbeing or well-being or wellness)).ti,ab. (362)

- 2 (resilien\* or coping).ti,ab. (2536)
- 3 Adaptation, Psychological/ or Resilience, Psychological/ (0)

4 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or "zones of regulation").ti,ab. (2844)

5 ((social or interpersonal or communication or relationship\* or friend\*) adj2 (skill\* or competence\* or attribute\*)).ti,ab. (659)

6 empathy.ti,ab. (361)

7 ("personal development" or "youth development").ti,ab. (133)

8 (mental adj2 (health or wellbeing or well-being or "well being" or wellness)).ti,ab. (4925)

9 ((psychological or "psycho social" or psycho-social or psychosocial) adj2 (wellbeing or "well being" or well-being)).ti,ab. (461)

10 ((anxiety or anxious or depression or depressed or depressive or stress\*) adj2 (child\* or teen\* or adolescen\* or youth\* or "young people" or "young person\*")).ti,ab. (643)

11 "adverse childhood experience\*".ti,ab. (129)

12 ((ACE or ACEs) and child\*).ti,ab. (109)

13 "child\* trauma\*".ti,ab. (167)

14 "Child\* adversity".ti,ab. (71)

15 or/1-14 (11753)

16 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preadolescen\* or preadolescen\* or pre-teen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or "school age\*" or school-age\* or schoolage\* or K-12).ti,ab. (33026)

17 (school\* or pupil\* or teacher\* or headteach\* or head-teach\* or headmaster\* or headmistress\*).ti,ab. (6563)

18 ((school\* or academy or academies or teacher) adj3 principal\*).ti,ab. (20)

19 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (139)

20 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (2719) 21 or/17-20 (8858)

22 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (42828)

23 21 not 22 (6429)

24 16 and 23 (3446)

25 15 and 24 (685)

26 (risk adj2 (assess\* or measure\* or tool\*)).ti,ab. (2505)

- 27 ("risk factor\*" or "high risk" or "at risk" or "relative risk").ti,ab. (20594)
- 28 ((education\* or social) adj risk\*).ti,ab. (43)
- 29 (protective adj (factor\* or characteristic\*)).ti,ab. (701)
- 30 (predictor\* or prevalence\* or determinant\* or incidence\*).ti. (5611)
- 31 ((detrimental or poor\* or worse or negative\*) adj2 outcome\*).ti,ab. (2692)
- 32 (vulnerab\* adj2 (child\* or adolescen\* or teen\* or youth\* or "young person\*" or "young people" or pupil\*)).ti,ab. (116)
- 33 or/26-32 (29210)
- 34 25 and 33 (158)
- 35 limit 34 to english language (158)
- 36 limit 35 to yr="1995 -Current" (156)
- 37 remove duplicates from 36 (156)

## 17.1.3.2 1st re-run search

Re-ran the original search strategy (17.1.3.1) with the following final line:

37 limit 36 to dt=20200320-20200901 (63)

## 17.1.3.3 2nd re-run search

Re-ran the original search strategy (17.1.3.1) with the following final line:

37 limit 36 to dt=20200901-20210714 89

## 17.1.4 Embase

## 17.1.4.1 Original search

1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) adj3 (wellbeing or well-being or wellness)).ti,ab. (13605)

- 2 (resilien\* or coping).ti,ab. (101232)
- 3 coping behavior/ or psychological resilience/ (59504)
- 4 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or "zones of regulation").ti,ab. (115465)
- 5 emotional intelligence/ or empathy/ (28006)
- 6 Self Concept/ (87184)
- 7 psychological adjustment/ or social adaptation/ (23127)
- 8 ((social or interpersonal or communication or relationship\*) adj2 (skill\* or competence\* or attribute\*)).ti,ab. (30121)
- 9 empathy.ti,ab. (14629)
- 10 social norm/ or social competence/ or social behavior/ (87864)
- 11 ("personal development" or "youth development").ti,ab. (3143)
- 12 Mental Health/ (132839)

13 (mental adj2 (health or wellbeing or well-being or "well being" or wellness)).ti,ab.(176403)

14 ((psychological or "psycho social" or psycho-social or psychosocial) adj2 (wellbeing or "well being" or well-being)).ti,ab. (16180)

15 ((anxiety or anxious or depression or depressed or depressive or stress\*) adj2 (child\* or teen\* or adolescen\* or youth\* or "young people" or "young person\*")).ti,ab. (24206)

- 16 "adverse childhood experience\*".ti,ab. (2058)
- 17 ((ACE or ACEs) and child\*).ti,ab. (2770)

18 "child\* trauma\*".ti,ab. (5949)

19 "Child\* adversity".ti,ab. (1714)

20 life event/ or childhood adversity/ (29769)

21 or/1-20 (684909)

22 Child/ or Child Health/ or Child Welfare/ or Adolescent/ or Adolescent Health/ (2514707)

23 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preadolescen\* or preadolescen\* or pre-teen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or "school age\*" or school-age\* or schoolage\* or K-12).ti,ab. (2408918)

24 or/22-23 (3551371)

25 (school\* or pupil\* or teacher\* or headteach\* or head-teach\* or headmaster\* or headmistress\*).ti,ab. (390501)

26 ((school\* or academy or academies or teacher) adj3 principal\*).ti,ab. (649)

27 school/ or teaching/ or school health service/ or school health nursing/ or school teacher/ (162920)

28 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (10979)

29 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (211602) 30 or/25-29 (674070)

31 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (3534415)

- 32 30 not 31 (443208)
- 33 24 and 32 (198047)
- 34 21 and 33 (31554)
- 35 (risk adj2 (assess\* or measure\* or tool\*)).ti,ab. (144352)
- 36 ("risk factor\*" or "high risk" or "at risk" or "relative risk").ti,ab. (1451574)
- 37 ((education\* or social) adj risk\*).ti,ab. (2121)
- 38 \*risk/ (61550)
- 39 risk factor/ (1010916)
- 40 risk assessment/ (549136)
- 41 (protective adj (factor\* or characteristic\*)).ti,ab. (23534)
- 42 protection/ (52119)
- 43 (predictor\* or prevalence\* or determinant\* or incidence\*).ti. (452237)

- 44 \*prevalence/ or \*incidence/ (77209)
- 45 ((detrimental or poor\* or worse or negative\*) adj2 outcome\*).ti,ab. (156474)
- 46 (vulnerab\* adj2 (child\* or adolescen\* or teen\* or youth\* or "young person\*" or "young people" or pupil\*)).ti,ab. (4002)
- 47 vulnerable population/ (16133)
- 48 or/35-47 (2764245)
- 49 34 and 48 (7713)
- 50 limit 49 to english language (7347)
- 51 (conference abstract or conference paper or conference proceeding or "conference review").pt. (4491826)
- 52 50 not 51 (6187)
- 53 (letter or editorial).pt. (1748100)
- 54 52 not 53 (6167)
- 55 elsevier.cr. (25458024)
- 56 54 and 55 (3585)
- 57 limit 56 to yr="1995 -Current" (3418)
- 58 remove duplicates from 57 (3386)

## 17.1.4.2 1st re-run search

Re-ran the original search strategy (17.1.4.1) with the following additional final line:

59 limit 58 to dc=20200320-20200901 (222)

## 17.1.4.3 2nd re-run search

Re-ran the original search strategy (17.1.4.1) with the following additional final line:

59 limit 58 to dc=20200901-20210714 446

## 17.1.5 psycINFO

## 17.1.5.1 Original search

1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) adj3 (wellbeing or well-being or wellness)).ti,ab. (10212)

- 2 (resilien\* or coping).ti,ab. (100572)
- 3 "Resilience (Psychological)"/ (13572)
- 4 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or "zones of regulation").ti,ab. (150117)
- 5 Emotional Intelligence/ or Empathy/ (18541)
- 6 self-concept/ (43120)
- 7 Emotional Adjustment/ or Coping Behavior/ or Social Adjustment/ (68450)
- 8 ((social or interpersonal or communication or relationship\* or friend\*) adj2 (skill\* or competence\* or attribute\*)).ti,ab. (38622)
- 9 empathy.ti,ab. (22725)
- 10 Social Behavior/ or Social Values/ or Social Skills/ (36739)
- 11 ("personal development" or "youth development").ti,ab. (6386)
- 12 Mental Health/ (63709)

13 (mental adj2 (health or wellbeing or well-being or "well being" or wellness)).ti,ab.(175357)

14 ((psychological or "psycho social" or psycho-social or psychosocial) adj2 (wellbeing or "well being" or well-being)).ti,ab. (15401)

15 ((anxiety or anxious or depression or depressed or depressive or stress\*) adj2 (child\* or teen\* or adolescen\* or youth\* or "young people" or "young person\*")).ti,ab. (24888)

- 16 "adverse childhood experience\*".ti,ab. (1461)
- 17 ((ACE or ACEs) and child\*).ti,ab. (973)
- 18 "child\* trauma\*".ti,ab. (5497)
- 19 "Child\* adversity".ti,ab. (1254)
- 20 Childhood Adversity/ (1648)
- 21 or/1-20 (575067)
- 22 Child Welfare/ or Adolescent Health/ (10091)

23 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preadolescen\* or preadolescen\* or pre-teen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or "school age\*" or school-age\* or schoolage\* or K-12).ti,ab. (938711)

24 or/22-23 (938869)

25 (school\* or pupil\* or teacher\* or headteach\* or head-teach\* or headmaster\* or headmistress\*).ti,ab. (474774)

26 ((school\* or academy or academies or teacher) adj3 principal\*).ti,ab. (6867)

27 Schools/ or Teaching/ or School Environment/ or School Nurses/ or teachers/ or elementary school teachers/ or high school teachers/ or junior high school teachers/ or middle school teachers/ (124170)

28 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (4970)

29 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (88261) 30 or/25-29 (537767)

31 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or

"teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery or "higher education" or university or universities).ti,ab. (642983)

- 32 30 not 31 (434674)
- 33 24 and 32 (217285)
- 34 21 and 33 (48622)
- 35 (risk adj2 (assess\* or measure\* or tool\*)).ti,ab. (17289)
- 36 ("risk factor\*" or "high risk" or "at risk" or "relative risk").ti,ab. (164790)
- 37 ((education\* or social) adj risk\*).ti,ab. (1341)

- 38 Risk Factors/ (78280)
- 39 Risk Assessment/ (13334)
- 40 (protective adj (factor\* or characteristic\*)).ti,ab. (13385)
- 41 Protective Factors/ (5327)
- 42 (predictor\* or prevalence\* or determinant\* or incidence\*).ti. (67475)
- 43 ((detrimental or poor\* or worse or negative\*) adj2 outcome\*).ti,ab. (22885)
- 44 (vulnerab\* adj2 (child\* or adolescen\* or teen\* or youth\* or "young person\*" or "young people" or pupil\*)).ti,ab. (3735)
- 45 At Risk Populations/ (37373)
- 46 or/35-45 (305486)
- 47 34 and 46 (8292)
- 48 limit 47 to ("0200 book" or "0240 authored book" or "0280 edited book" or "0300 encyclopedia" or "0400 dissertation abstract") (2615)
- 49 47 not 48 (5677)
- 50 limit 49 to english language (5112)
- 51 limit 50 to yr="1995 -Current" (4719)
- 52 remove duplicates from 51 (4713)

## 17.1.5.2 1st re-run search

NOTE: An issue with the English Language limit in psycINFO was identified at the time these searches were run. It meant that some in process records might be missed. The first posting.ps line was added in order to ensure no relevant records were removed by the language limit.

Re-ran the original search strategy (17.1.5.1) with the following final lines:

- 50 limit 49 to english language (5318)
- 51 first posting.ps. (59121)
- 52 49 and 51 (212)
- 53 50 or 52 (5519)
- 54 limit 50 to yr="1995 -Current" (4925)
- 55 remove duplicates from 54 (4919)
- 56 limit 55 to up=20200320-20200901 (138)

## 17.1.5.3 2nd re-run search

Re-ran the original search strategy (17.1.5.1) with the following final line:

53 limit 52 to up=20200901-20210714 282

## 17.1.6 ERIC

Set#	Searched for	Results
S1	(TI((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) and (wellbeing or well-being or wellness))) OR (AB((Social or emotional or social-emotional or socio or socio- emotional or pro-social or prosocial) and (wellbeing or well-being or wellness)))	5603
S2	(TI(resilien* or coping)) or (AB(resilien* or coping))	14542
S3	MAINSUBJECT.EXACT("Resilience (Psychology)")	2471
S4	(TI(self-control or "emotional regulation" or self-aware* or self-efficacy or self-regulat* or self-confiden* or self-management or self-esteem or self-concept or "emotional intelligence" or "zones of regulation")) OR (AB(self-control or "emotional regulation" or self-aware* or self- efficacy or self-regulat* or self-confiden* or self-management or self- esteem or self-concept or "emotional intelligence" or "zones of regulation"))	41908
S5	MAINSUBJECT.EXACT("Emotional Intelligence") OR MAINSUBJECT.EXACT("Empathy")	5788
S6	MAINSUBJECT.EXACT("Self Concept")	27681
S7	MAINSUBJECT.EXACT("Emotional Adjustment") OR MAINSUBJECT.EXACT("Coping") OR MAINSUBJECT.EXACT("Social Adjustment")	16392
S8	(TI((social or interpersonal or communication or relationship* or friend*) and (skill* or competence* or attribute*))) OR (AB((social or interpersonal or communication or relationship* or friend*) and (skill* or competence* or attribute*)))	76283
S9	(TI(empathy)) OR (AB(empathy))	4172
S10	MAINSUBJECT.EXACT("Prosocial Behavior") OR MAINSUBJECT.EXACT("Social Values") OR MAINSUBJECT.EXACT("Interpersonal Competence")	27193
S11	(TI("personal development" or "youth development")) OR (AB("personal development" or "youth development"))	4286
S12	MAINSUBJECT.EXACT("Mental Health")	11455
S13	(TI(mental and (health or wellbeing or well-being or "well being" or wellness))) OR (AB(mental and (health or wellbeing or well-being or "well being" or wellness)))	16713
S14	(TI((psychological or "psycho social" or psycho-social or psychosocial) and (wellbeing or "well being" or well-being))) OR (AB((psychological or	2270

	"psycho social" or psycho-social or psychosocial) and (wellbeing or "well being" or well-being)))	
S15	(TI((anxiety or anxious or depression or depressed or depressive or stress*) and (child* or teen* or adolescen* or youth* or "young people" or ("young person" OR "young persons")))) OR (AB((anxiety or anxious or depression or depressed or depressive or stress*) and (child* or teen* or adolescen* or youth* or "young people" or ("young person" OR "young persons"))))	20292
S16	(TI("adverse childhood experience*")) OR (AB("adverse childhood experience*"))	70
S17	(TI((ACE or ACEs) and child*)) OR (AB((ACE or ACEs) and child*))	74
S18	(TI("child* trauma*")) OR (AB("child* trauma*"))	237
S19	(TI("Child* adversity")) OR (AB("Child* adversity"))	41
S20	s1 or s2 or s3 or s4 or s5 or s6 or s7 or s8 or s9 or s10 or s11 or s12 or s13 or s14 or s15 or s16 or s17 or s18 or s19	204291
S21	s20 AND lv("high school equivalency programs" OR "elementary secondary education" OR "secondary education" OR "elementary education" OR "grade 2" OR "primary education" OR "grade 3" OR "grade 4" OR "grade 5" OR "high schools" OR "grade 1" OR "grade 10" OR "grade 11" OR "grade 12" OR "intermediate grades" OR "grade 6" OR "grade 7" OR "middle schools" OR "grade 8" OR "junior high schools" OR "grade 9")	26676
S22	(TI(risk and (assess* or measure* or tool*))) OR (AB(risk and (assess* or measure* or tool*)))	13912
S23	(TI(("risk factor" OR "risk factors") or "high risk" or "at risk" or "relative risk")) OR (AB(("risk factor" OR "risk factors") or "high risk" or "at risk" or "relative risk"))	25743
S24	(TI((education* or social) and risk*)) OR (AB((education* or social) and risk*))	21614
S25	MAINSUBJECT.EXACT("Risk")	9580
S26	MAINSUBJECT.EXACT("Risk Assessment")	320
S27	(TI(protective and (factor* or characteristic*))) OR (AB(protective and (factor* or characteristic*)))	2162
S28	(TI(predictor* or prevalence* or determinant* or incidence*))	9124
S29	MAINSUBJECT.EXACT("Incidence")	8576
S30	(TI((detrimental or poor* or worse or negative*) and outcome*)) OR (AB((detrimental or poor* or worse or negative*) and outcome*))	8654

S31	(TI(vulnerab* and (child* or adolescen* or teen* or youth* or ("young person" OR "young persons") or "young people" or pupil*))) OR (AB(vulnerab* and (child* or adolescen* or teen* or youth* or ("young person" OR "young persons") or "young people" or pupil*)))	3059
S32	MAINSUBJECT.EXACT("At Risk Persons")	10153
S33	s22 or s23 or s24 or s25 or s26 or s27 or s28 or s29 or s30 or s31 or s32	69427
S34	s21 and s33	3498
S35	(s34 AND rtype.exact("Report" OR "Statistics/Data Report" OR "Government & Official Document" OR "Reference Document" OR "Review" OR "Article")) AND la.exact("English") AND pd(1995-2020)	3049

## 17.1.6.2 1st re-run search

Re-ran the original search strategy (17.1.5.1) with the following final line:

S35	((s21 and s33) AND rtype.exact("Report" OR "Statistics/Data Report" OR	7
	"Government & Official Document" OR "Reference Document" OR	
	"Review" OR "Article")) AND la.exact("English") AND pd(>20200320)	

## 17.1.6.3 2nd re-run search

Re-ran the original search strategy (17.1.5.1) with the following final line:

S36	(s21 and s33) AND rtype.exact("Report" OR "Statistics/Data Report" OR	1344
	"Government & Official Document" OR "Reference Document" OR	
	"Review" OR "Article") AND pd(>20200901)	

## 17.1.7 Social Policy & Practice

## 17.1.7.1 Original search

1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) adj3 (wellbeing or well-being or wellness)).ti,ab. (1906)

2 ((Social\* or emotional\* or social-emotional\* or socio\* or socio-emotional\* or pro-social\* or prosocial\*) and (wellbeing\* or well-being\* or wellness\*)).hw. (1605)

- 3 (resilien\* or coping).ti,ab. (6651)
- 4 (resilien\* or coping\*).hw. (3496)

5 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional intelligence" or "zones of regulation").ti,ab. (4491)

6 (self-control\* or "emotional regulation\*" or self-aware\* or self-efficacy\* or self-regulat\* or self-confiden\* or self-management\* or self-esteem\* or self-concept\* or "emotional intelligence\*" or "zones of regulation\*").hw. (3495)

7 ((social or interpersonal or communication or relationship\* or friend\*) adj2 (skill\* or competence\* or attribute\*)).ti,ab. (2014)

8 ((social\* or interpersonal\* or communication\* or relationship\* or friend\*) and (skill\* or competence\* or attribute\*)).hw. (4269)

9 empathy.ti,ab. (804)

10 empath\*.hw. (735)

11 ("personal development" or "youth development").ti,ab. (611)

12 ("personal development" or "youth development").sh. (40)

13 (mental adj2 (health or wellbeing or well-being or "well being" or wellness)).ti,ab. (25771)

14 (mental\* and (health\* or wellbeing\* or well-being\* or "well being\*" or wellness\*)).hw. (29360)

15 ((psychological or "psycho social" or psycho-social or psychosocial) adj2 (wellbeing or "well being" or well-being)).ti,ab. (1053)

16 ((psychological\* or "psycho social" or psycho-social\* or psychosocial\*) and (wellbeing\* or "well being\*" or well-being\*)).hw. (98)

17 ((anxiety or anxious or depression or depressed or depressive or stress\*) adj2 (child\* or teen\* or adolescen\* or youth\* or "young people" or "young person\*")).ti,ab. (813)

18 ((anxiety\* or anxious\* or depression\* or depressed\* or depressive\* or stress\*) and (child\* or teen\* or adolescen\* or youth\* or "young people\*" or "young person\*")).hw. (3876)

19 "adverse childhood experience\*".ti,ab. (278)

- 20 "adverse childhood experience\*".sh. (203)
- 21 ((ACE or ACEs) and child\*).ti,ab. (189)
- 22 ((ACE\* or ACEs\*) and child\*).hw. (2)
- 23 "child\* trauma\*".ti,ab. (350)
- 24 (child\* and trauma\*).hw. (2186)
- 25 "Child\* adversity".ti,ab. (122)
- 26 "child\* and adversity\*".hw. (0)
- 27 or/1-26 (58915)

28 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preadolescen\* or preadolescen\* or pre-teen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or "school age\*" or school-age\* or schoolage\* or K-12).ti,ab. (98817)

29 (child\* or adolescen\* or kid\* or kids\* or youth\* or youngster\* or minor\* or minors\* or underage\* or under-age\* or "under age\*" or "young person\*" or "young people\*" or preadolescen\* or preadolescen\* or pre-teen\* or preteen\* or teen\* or teens\* or teenager\* or juvenile\* or boy\* or boys\* or boyhood\* or girl\* or girls\* or girlhood\* or schoolchild\* or "school age\*" or school-age\* or schoolage\* or K-12\*).hw. (103158)

30 or/28-29 (119047)

31 (school\* or pupil\* or teacher\* or headteach\* or head-teach\* or headmaster\* or headmistress\*).ti,ab. (24614)

32 (school\* or pupil\* or teacher\* or headteach\* or head-teach\* or headmaster\* or headmistress\*).hw. (18900)

33 ((school\* or academy or academies or teacher) adj3 principal\*).ti,ab. (41)

34 ((school\* or academy\* or academies\* or teacher\*) and principal\*).hw. (2)

35 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education").ti,ab. (1168)

- 52 (protective adj (factor\* or characteristic\*)).ti,ab. (987)
- 50 ((education\* or social) adj risk\*).ti,ab. (106) 51 ((education\* or social\*) and risk\*).hw. (3783)
- 49 ("risk factor\*" or "high risk\*" or "at risk\*" or "relative risk\*").hw. (1203)

Social, emotional and mental wellbeing in primary and secondary education

"further education\*").hw. (1144)

37

39

42

43

36 (((city\* or technical\*) and (academy\* or academies\* or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16\*" or post-16\* or

("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year

four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2

or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").ti,ab. (976) 38 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2

or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*").sh. (35)

40 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or

school\* or nursery or "higher education" or university or universities).ti,ab. (28546)

"teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or pre-

41 (medical\* or medicine\* or dental\* or dentist\* or doctor\* or physician\* or nursing\* or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or preschool\* or nursery\* or "higher education\*" or university\* or universities\*).hw. (16599)

- ("risk factor\*" or "high risk" or "at risk" or "relative risk").ti,ab. (11404) 48
- (risk\* and (assess\* or measure\* or tool\*)).hw. (3702) 47
- 46 (risk adj2 (assess\* or measure\* or tool\*)).ti,ab. (2507)
- 44 30 and 43 (109888) 27 and 44 (22535)
- 45

or/40-41 (35734)

39 not 42 (116552)

or/28-37 (127256)

- 53 (protective\* and (factor\* or characteristic\*)).hw. (3)
- 54 (predictor\* or prevalence\* or determinant\* or incidence\*).ti. (2609)
- 55 (predictor\* or prevalence\* or determinant\* or incidence\*).hw. (482)
- 56 ((detrimental or poor\* or worse or negative\*) adj2 outcome\*).ti,ab. (1119)
- 57 ((detrimental\* or poor\* or worse\* or negative\*) and outcome\*).hw. (4)

58 (vulnerab\* adj2 (child\* or adolescen\* or teen\* or youth\* or "young person\*" or "young people" or pupil\*)).ti,ab. (1873)

59 (vulnerab\* and (child\* or adolescen\* or teen\* or youth\* or "young person\*" or "young people\*" or pupil\*)).hw. (2814)

- 60 or/46-59 (24357)
- 61 45 and 60 (3811)
- 62 limit 61 to (journal or journal article or online report or report) (2248)
- 63 limit 62 to yr="1995 -Current" (2220)
- 64 remove duplicates from 63 (2212)

## 17.1.7.2 1st re-run search

Re-ran the original search strategy (17.1.7.1) with the following final lines:

65 ("202003" or "202004" or "202005" or "202006" or "202007" or "202008").up. (30933)
66 and 65 (25)

## 17.1.7.3 2nd re-run search

Re-ran the original search strategy (17.1.7.1) with the following final lines:

65("202009" or "202010" or "202011" or "202012" or "202101" or "202102" or"202103" or "202104" or "202105" or "202106" or "202107").up.413586664 and 65285

## 17.1.8 Web of Science

## 17.1.8.1 Original search

# 35 380 #34 AND #33

Indexes=SSCI Timespan=1995-2020

# 34	211,185	((SU=Education & Educational Research)) <i>AND</i> LANGUAGE: (English) <i>AND</i> DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review)
		Indexes=SSCI Timespan=1995-2020

# 33 5,273 #32 AND #24

		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
# 32	1,521,256	#31 OR #30 OR #29 OR #28 OR #27 OR #26 OR #25
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
# 31	6,116	(TI=(vulnerab* NEAR/2 (child* or adolescen* or teen* or youth* or "young person*" or "young people" or pupil*))) or (AB=(vulnerab* NEAR/2 (child* or adolescen* or teen* or youth* or "young person*" or "young people" or pupil*)))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
# 30	102,027	(TI=((detrimental or poor* or worse or negative*) NEAR/2 outcome*)) or (AB=((detrimental or poor* or worse or negative*) NEAR/2 outcome*))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
# 29	442,678	(TI=(predictor* or prevalence* or determinant* or incidence*))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All years
# 28	19,399	(TI=(protective NEAR/1 (factor* or characteristic*))) or (AB=(protective NEAR/1 (factor* or characteristic*)))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
# 27	6,377	(TI=((education* or social) NEAR/1 risk*)) or (AB=((education* or social) NEAR/1 risk*))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears

# 26	926,186	(TI=("risk factor*" or "high risk" or "at risk" or "relative risk")) or (AB=("risk factor*" or "high risk" or "at risk" or "relative risk"))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
# 25	162,192	(TI=(risk NEAR/2 (assess* or measure* or tool*))) or (AB=(risk NEAR/2 (assess* or measure* or tool*)))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
# 24	26,678	#14 and #23
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
# 23	178,327	#15 and #22
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
# 22	505,399	#20 not #21
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All years
# 21	2,275,360	(TI=(medical or medicine or dental or dentist* or doctor* or physician* or nursing or "teaching hospital*" or undergraduate* or graduate* or postgraduate* or preschool* or pre-school* or nursery or "higher education" or university or universities)) or (AB=(medical or medicine or dental or dentist* or doctor* or physician* or nursing or "teaching hospital*" or undergraduate* or graduate* or postgraduate* or preschool* or pre-school* or nursery or "higher education" or university or universities))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
# 20	658,100	#19 OR #18 OR #17 OR #16

Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears

(TI=("year one" or "year 1" or "year two" or "year 2" or "year three" or #19 148,997 "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*")) or (AB=("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*"))

Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears

# 18 9,311 (TI=(((city or technical) and (academy or academies or college\*)) or sixthform\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education")) or (AB=(((city or technical)

		and (academy or academies or college*)) or sixth-form* or "sixth form*" or "6th form*" or "lower six*" or "upper six*" or "post 16" or post-16 or "further education"))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
# 17	3,211	(TI=((school* or academy or academies or teacher) NEAR/3 principal*)) or (AB=((school* or academy or academies or teacher) NEAR/3 principal*))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
# 16	534,329	(TI=(school* or pupil* or teacher* or headteach* or head-teach* or headmaster* or headmistress*)) or (AB=(school* or pupil* or teacher* or headteach* or head-teach* or headmaster* or headmistress*))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
# 15	2,001,839	(TI=(child* or adolescen* or kid or kids or youth* or youngster* or minor or minors or underage* or under-age* or "under age*" or "young person*" or "young people" or pre-adolescen* or preadolescen* or pre- teen* or preteen* or teen or teens or teenager* or juvenile* or boy or boys or boyhood or girl or girls or girlhood or schoolchild* or "school age*" or school-age* or schoolage* or K-12)) or (AB=(child* or adolescen* or kid or kids or youth* or youngster* or minor or minors or underage* or under- age* or "under age*" or "young person*" or "young people" or pre- adolescen* or preadolescen* or pre-teen* or preteen* or teen or teens or teenager* or juvenile* or boy or boys or boyhood or girl or girls or girlhood or schoolchild* or "school age*" or school-age* or schoolage* or K-12)) <i>Indexes=SCI-EXPANDED, SSCI, A&amp;HCI, ESCI Timespan=All</i>
		years
# 14	500,212	#13 OR #12 OR #11 OR #10 OR #9 OR #8 OR #7 OR #6 OR #5 OR #4 OR #3 OR #2 OR #1
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
# 13	1,490	(TI=("Child* adversity")) or (AB=("Child* adversity"))

		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
# 12	4,754	(TI=("child* trauma*")) or (AB=("child* trauma*"))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All years
# 11	1,665	(TI=((ACE or ACEs) and child*)) or (AB=((ACE or ACEs) and child*))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
# 10	1,835	(TI=("adverse childhood experience*")) or (AB=("adverse childhood experience*"))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
#9	29,679	(TI=((anxiety or anxious or depression or depressed or depressive or stress*) NEAR/2 (child* or teen* or adolescen* or youth* or "young people" or "young person*"))) or (AB=((anxiety or anxious or depression or depressed or depressive or stress*) NEAR/2 (child* or teen* or adolescen* or youth* or "young people" or "young person*")))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
# 8	17,363	(TI=((psychological or "psycho social" or psycho-social or psychosocial) NEAR/2 (wellbeing or "well being" or well-being))) or (AB=((psychological or "psycho social" or psycho-social or psychosocial) NEAR/2 (wellbeing or "well being" or well-being)))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All years
#7	146,695	(TI=(mental NEAR/2 (health or wellbeing or well-being or "well being" or wellness))) or (AB=(mental NEAR/2 (health or wellbeing or well-being or "well being" or wellness)))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears

#6	4,933	(TI=("personal development" or "youth development")) or (AB=("personal development" or "youth development"))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
# 5	18,555	(TI=(empathy)) or (AB=(empathy))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
#4	38,256	(TI=((social or interpersonal or communication or relationship* or friend*) NEAR/2 (skill* or competence* or attribute*))) or (AB=((social or interpersonal or communication or relationship* or friend*) NEAR/2 (skill* or competence* or attribute*)))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears
#3	133,033	(TI=(self-control or "emotional regulation" or self-aware* or self-efficacy or self-regulat* or self-confiden* or self-management or self-esteem or self-concept or "emotional intelligence" or "zones of regulation")) or (AB=(self-control or "emotional regulation" or self-aware* or self-efficacy or self-regulat* or self-confiden* or self-management or self-esteem or self-concept or "emotional intelligence" or "zones of regulation"))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All years
#2	146,642	(TI=(resilien* or coping)) or (AB=(resilien* or coping))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All years
#1	2,576	(TI=((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) NEAR/3 (wellbeing or well-being or wellness))) or (AB=((Social or emotional or social-emotional or socio or socio- emotional or pro-social or prosocial) adj3 (wellbeing or well-being or wellness)))
		Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All vears

#### 17.1.8.2 1st re-run search

Re-ran the original search strategy (17.1.8.1) with the following additional final line: #36 17 (#35) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=2020

#### 17.1.8.3 2nd re-run search

Re-ran the original search strategy (17.1.8.1) with the following additional final line:

#36 27 (#35) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review) Indexes=SSCI Timespan=2020

## 17.1.9 CDSR

#### 17.1.9.1 **Original search**

#1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) NEAR/3 (wellbeing or well-being or wellness)):ti,ab 1588

- #2 (resilien\* or coping):ti,ab 9157
- #3 [mh ^"adaptation, psychological"] or [mh ^"resilience, psychological"] 4199

#4 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\* or self-confiden\* or self-management or self-esteem or self-concept or "emotional 22865

intelligence" or "zones of regulation"):ti,ab

- #5 [mh ^"emotional intelligence"] 78
- [mh ^"self concept"] or [mh ^"self efficacy"] #6 5166
- #7 [mh ^"emotional adjustment"] or [mh ^"social adjustment"] 938
- ((social or interpersonal or communication or relationship\* or friend\*) NEAR/2 #8

(skill\* or competence\* or attribute\*)):ti,ab 3603

- #9 empathy:ti,ab 1078
- [mh ^"social behavior"] or [mh ^"social values"] or [mh ^"social skills"] 1876 #10
- #11 ("personal development" or "youth development"):ti,ab 168
- [mh ^"mental health"] 1379 #12
- #13 (mental NEAR/2 (health or wellbeing or well-being or "well being" or wellness)):ti,ab 15406
- #14 ((psychological or "psycho social" or psycho-social or psychosocial) NEAR/2
- (wellbeing or "well being" or well-being)):ti,ab 2657
- ((anxiety or anxious or depression or depressed or depressive or stress\*) NEAR/2 #15
- (child\* or teen\* or adolescen\* or youth\* or "young people" or "young person\*")):ti,ab 3567
- #16 "adverse childhood experience\*":ti,ab 9
- #17 ((ACE or ACEs) and child\*):ti,ab 191
- #18 "child\* trauma\*":ti,ab 21
- #19 "Child\* adversity":ti,ab 0
- #20 [mh ^"Life Change Events"] 434

### #21 {or #1-#20} 57226

#22[mh ^child] or [mh ^"child health"] or [mh ^"child welfare"] or [mh adolescent] or[mh ^"adolescent health"]101635

#23 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preadolescen\* or preadolescen\* or pre-teen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or "school age\*" or school-age\* or schoolage\* or K-12):ti,ab 155586

#24 {or #22-#23} 232090

#25 (school\* or pupil\* or teacher\* or headteach\* or head-teach\* or headmaster\* or headmistress\*):ti,ab 29052

#26 ((school\* or academy or academies or teacher) NEAR/3 principal\*):ti,ab 76

#27 [mh ^schools] or [mh ^teaching] or [mh ^"school health services"] or [mh ^"school nursing"] or [mh ^"school teachers"]4602

#28(((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth<br/>form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further<br/>education"):ti,ab506

#29 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*"):ti,ab 35122 #30 {or #25-#29} 62940

#31(medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or"teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or pre-school\* or nursery or "higher education" or university or universities):ti,ab221617

- #32 #30 not #31 48436
- #33 #24 and 32 19773
- #34 #21 and #33 1183

#35 (risk NEAR/2 (assess\* or measure\* or tool\*)):ti,ab 6955

#36 ("risk factor\*" or "high risk" or "at risk" or "relative risk"):ti,ab 190324

- #37 ((education\* or social) NEAR/1 risk\*):ti,ab 217
- #38 [mh ^risk] 3211
- #39 [mh ^"risk factors"] 23627
- #40 [mh ^"risk assessment"]8481

#41 (protective NEAR/1 (factor\* or characteristic\*)):ti,ab 804

- #42 [mh ^"protective factors"] 102
- #43 (predictor\* or prevalence\* or determinant\* or incidence\*):ti 15914
- #44 [mh ^prevalence] or [mh ^incidence] 13588
- #45 ((detrimental or poor\* or worse or negative\*) NEAR/2 outcome\*):ti,ab 9249

#46 (vulnerab\* NEAR/2 (child\* or adolescen\* or teen\* or youth\* or "young person\*" or "young people" or pupil\*)):ti,ab 308

```
#47 [mh ^"vulnerable populations"] 277
```

#48 {or #35-#47} 223502

#49 #34 and #48 446

#49 with Cochrane Library publication date Between Jan 1995 and Mar 2020, inCochrane Reviews 174

## 17.1.9.2 1st re-run search

Re-ran the original search strategy (17.1.9.1) with the following final line:

#50 #49 with Cochrane Library publication date Between Mar 2020 and Aug 2020, inCochrane Reviews 9

## 17.1.9.3 2nd re-run search

Re-ran the original search strategy (17.1.9.1) with the following final line:

#49#34 and #48 with Cochrane Library publication date Between Sep 2020 andJul 2021, in Cochrane Reviews14

## 17.1.10 CENTRAL

## 17.1.10.1 Original search

#1 ((Social or emotional or social-emotional or socio or socio-emotional or pro-social or prosocial) NEAR/3 (wellbeing or well-being or wellness)):ti,ab

#2 (resilien\* or coping):ti,ab 9157

#3 [mh ^"adaptation, psychological"] or [mh ^"resilience, psychological"] 4199

#4 (self-control or "emotional regulation" or self-aware\* or self-efficacy or self-regulat\*
 or self-confiden\* or self-management or self-esteem or self-concept or "emotional
 intelligence" or "zones of regulation"):ti,ab 22865

#5 [mh ^"emotional intelligence"] 78

#6 [mh ^"self concept"] or [mh ^"self efficacy"] 5166

#7 [mh ^"emotional adjustment"] or [mh ^"social adjustment"] 938

#8 ((social or interpersonal or communication or relationship\* or friend\*) NEAR/2

(skill\* or competence\* or attribute\*)):ti,ab 3603

- #9 empathy:ti,ab 1078
- #10 [mh ^"social behavior"] or [mh ^"social values"] or [mh ^"social skills"] 1876
- #11 ("personal development" or "youth development"):ti,ab 168
- #12 [mh ^"mental health"] 1379
- #13 (mental NEAR/2 (health or wellbeing or well-being or "well being" or wellness)):ti,ab 15406
- #14 ((psychological or "psycho social" or psycho-social or psychosocial) NEAR/2(wellbeing or "well being" or well-being)):ti,ab 2657
- #15 ((anxiety or anxious or depression or depressed or depressive or stress\*) NEAR/2

(child\* or teen\* or adolescen\* or youth\* or "young people" or "young person\*")):ti,ab 3567

#16 "adverse childhood experience\*":ti,ab 9

#17 ((ACE or ACEs) and child\*):ti,ab 191

- #18 "child\* trauma\*":ti,ab 21
- #19 "Child\* adversity":ti,ab 0
- #20 [mh ^"Life Change Events"] 434
- #21 {or #1-#20} 57226

#22[mh ^child] or [mh ^"child health"] or [mh ^"child welfare"] or [mh adolescent] or[mh ^"adolescent health"]101635

#23 (child\* or adolescen\* or kid or kids or youth\* or youngster\* or minor or minors or underage\* or under-age\* or "under age\*" or "young person\*" or "young people" or preadolescen\* or preadolescen\* or pre-teen\* or preteen\* or teen or teens or teenager\* or juvenile\* or boy or boys or boyhood or girl or girls or girlhood or schoolchild\* or "school age\*" or school-age\* or schoolage\* or K-12):ti,ab 155586

#24 {or #22-#23} 232090

#25 (school\* or pupil\* or teacher\* or headteach\* or head-teach\* or headmaster\* or headmistress\*):ti,ab 29052

#26 ((school\* or academy or academies or teacher) NEAR/3 principal\*):ti,ab 76

#27 [mh ^schools] or [mh ^teaching] or [mh ^"school health services"] or [mh ^"school nursing"] or [mh ^"school teachers"]4602

#28 (((city or technical) and (academy or academies or college\*)) or sixth-form\* or "sixth form\*" or "6th form\*" or "lower six\*" or "upper six\*" or "post 16" or post-16 or "further education"):ti,ab 506

#29 ("year one" or "year 1" or "year two" or "year 2" or "year three" or "year 3" or "year four" or "year 4" or "year five" or "year 5" or "year six" or "year 6" or "year seven" or "year 7" or "year eight" or "year 8" or "year nine" or "year 9" or "year ten" or "year 10" or "year eleven" or "year 11" or "year twelve" or "year 12" or "year thirteen" or "year 13" or "key stage one" or "key stage 1" or "key stage two" or "key stage 2" or "key stage three" or "key stage 3" or "key stage four" or "key stage 4" or "key stage five" or "key stage 5" or KS1 or KS2 or KS3 of KS4 or KS5 or "grade one" or "grade 1" or "grade two" or "grade 2" or "grade three" or "grade 3" or "grade four" or "grade 4" or "grade five" or "grade 5" or "grade six" or "grade 6" or "grade seven" or "grade 7" or "grade eight" or "grade 8" or "grade nine" or "grade 9" or "grade ten" or "grade 10" or "grade eleven" or "grade 11" or "grade twelve" or "grade 12" or "first grade" or "1st grade\*" or "second grade\*" or "2nd grade\*" or "third grade\*" or "3rd grade\*" or "fourth grade\*" or "4th grade\*" or "fifth grade\*" or "5th grade\*" or "sixth grade\*" or "6th grade\*" or "seventh grade\*" or "7th grade\*" or "eighth grade\*" or "8th grade\*" or "ninth grade\*" or "9th grade\*" or "tenth grade\*" or "10th grade\*" or "eleventh grade\*" or "11th grade\*" or "twelfth grade\*" or "12th grade\*"):ti,ab 35122 #30 62940 {or #25-#29}

#31 (medical or medicine or dental or dentist\* or doctor\* or physician\* or nursing or "teaching hospital\*" or undergraduate\* or graduate\* or postgraduate\* or preschool\* or pre-

- school\* or nursery or "higher education" or university or universities):ti,ab 221617 #32 #30 not #31 48436
- #33 #24 and 32 19773 1183
- #34 #21 and #33
- #35 (risk NEAR/2 (assess\* or measure\* or tool\*)):ti,ab 6955
- ("risk factor\*" or "high risk" or "at risk" or "relative risk"):ti,ab #36 190324
- #37 ((education\* or social) NEAR/1 risk\*):ti,ab 217
- #38 [mh ^risk] 3211
- #39 [mh ^"risk factors"] 23627
- #40 [mh ^"risk assessment"]8481
- #41 (protective NEAR/1 (factor\* or characteristic\*)):ti,ab 804
- #42 [mh ^"protective factors"] 102

#43 (predictor\* or prevalence\* or determinant\* or incidence\*):ti 15914

- #44 [mh ^prevalence] or [mh ^incidence] 13588
- #45 ((detrimental or poor\* or worse or negative\*) NEAR/2 outcome\*):ti,ab 9249
- #46 (vulnerab\* NEAR/2 (child\* or adolescen\* or teen\* or youth\* or "young person\*" or "young people" or pupil\*)):ti,ab 308
- [mh ^"vulnerable populations"] 277 #47
- #48 {or #35-#47} 223502
- #49 #34 and #48 446
- #50 "conference":pt or (clinicaltrials or trialsearch):so 481231
- #51 #49 not #50 340
- #52 #51 with Publication Year from 1995 to 2020, in Trials 159

## 17.1.10.2 1st re-run search

Re-ran the original search strategy (17.1.9.1) with the following final line:

#52 #51 with Publication Year from 2020 to 2020, in Trials 11

## 17.1.10.3 2nd re-run search

Re-ran the original search strategy (17.1.9.1) with the following final line:

#52 #51 with Publication Year from 2020 to 2021, in Trials 26

## 17.1.11 Google Scholar

Name	Google Scholar
URL	https://scholar.google.co.uk/
Date searched	24 <sup>th</sup> March 2020
Searcher	RA
Search terms	(social or emotional or well being or wellbeing) and risk and school School risk factors "adverse childhood experiences" risk factors social emotional well being risk
How the results were selected	For each search only the first 100 results were reviewed. Only selected documents if the title or abstract were directly relevant and were within the date limits applied to searches for this question (1995-2020)
Results	72 records were downloaded and added into Eppi Review with the database results.

17.1.11.1	Original search
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Name	Google Scholar
URL	https://scholar.google.co.uk/
Date searched	29 <sup>th</sup> September 2020
Searcher	RA
Search terms	
	(social or emotional or well being or wellbeing) and risk and school
	School risk factors
	"adverse childhood experiences" risk factors
	social emotional well being risk

	all searches limited to 2020 only
How the results were selected	For each search only the first 100 results were reviewed.
Results	87 records were downloaded and added into Eppi Review with the database results.

## 17.1.11.3 2nd re-run search

Name	Google Scholar
URL	https://scholar.google.co.uk/
Date searched	29 <sup>th</sup> September 2020
Searcher	RA
Search terms	
	(social or emotional or well being or wellbeing) and risk and school
	School risk factors
	"adverse childhood experiences" risk factors social emotional well being risk
	all searches limited to 2020 only
How the results were selected	For each search only the first 100 results were reviewed.
Results	67 records were downloaded and added into Eppi Review with the database results.

# **18.Website browsing**

Date searched Searcher Search terms	www.google.co.uk 24 <sup>th</sup> March 2020 RA (social or emotional or well being or wellbeing) and risk and school School risk factors "adverse childhood experiences" risk factors social emotional well being risk For each search only the first 50 results were reviewed. Only selected articles or UK published documents if the title or	
Date searched Searcher Search terms	24 <sup>th</sup> March 2020 RA (social or emotional or well being or wellbeing) and risk and school School risk factors "adverse childhood experiences" risk factors social emotional well being risk For each search only the first 50 results were reviewed. Only selected articles or UK published documents if the title or	
Search terms	<ul> <li>(social or emotional or well being or wellbeing) and risk and school</li> <li>School risk factors</li> <li>"adverse childhood experiences" risk factors</li> <li>social emotional well being risk</li> <li>For each search only the first 50 results were reviewed. Only selected articles or UK published documents if the title or</li> </ul>	
	school School risk factors "adverse childhood experiences" risk factors social emotional well being risk For each search only the first 50 results were reviewed. Only selected articles or UK published documents if the title or	
	selected articles or UK published documents if the title or	
were selected	,	
Results	<ul> <li>The Children's Charity (2007) Literature review: the emotional harm and well-being of children</li> <li>WHO (2012) Social determinants of health and well-being among young people : Health Behaviour in School-Aged Children (HBSC) study : international report from the 2009/2010 survey</li> <li>Oldfield, J., Hebron, J. and Humphrey, N. (2016), The Role Of School Level Protective Factors In Overcoming Cumulative Risk For Behavior Difficulties In Children With Special Educational Needs And Disabilities. Psychol. Schs., 53: 831-847</li> <li>Scottish Government (2020) Factors affecting children's mental health and wellbeing: findings</li> <li>Rasasingham, Raj. (2015). The Risk and Protective Factors of School Absenteeism. Open Journal of Psychiatry. 05.</li> <li>Marryat L, Frank J (2019) Factors associated with adverse childhood experiences in Scottish children: a prospective cohort study. BMJ Paediatrics Open 2019;3:e000340.</li> <li>Hughes, K et al (2017) The effect of multiple adverse childhood experiences on health: a systematic review and meta-analysis. Lancet Public Health vol 2.</li> <li>Public Health England (2015) Measuring Mental Wellbeing in Children and Young People.</li> </ul>	
01/10/2020	Searched for (social or emotional or well being or wellbeing) and risk and school School risk factors	

<ul> <li>or school were not included. Only items not identified elsewhere were retained</li> <li>What Works Wellbeing (2020) Measuring wellbeing in schools and colleges</li> <li>Association for Child and Adolescent Mental Health (20202) The association between anxiety and poor school attendance</li> <li>Social Finance (2020) Maximising access to education: who's at risk of exclusion?</li> <li>Scottish Government (2020) Adverse Childhood Experiences (ACEs)</li> <li>Public Health Scotland (2020) Adverse Childhood Experiences (ACEs)</li> <li>Wenfu Li, Xueting Zhang, Minghui Chu, Gongying Li (2020) The Impact of Adverse Childhood Experiences on Mobile Phone Addiction in Chinese College Students: A Serial Multiple Mediator Model Front. Psychol., 13 May 2020</li> <li>Hughes, Karen; Ford, Kat; Kadel, Rajendra; Sharp, Catherine; Bellis, Mark (2020) Health and financial burden of adverse childhood experiences in England and Wales: a combined primary data study of five surveys. BMJ Open, 2020;10:e036374.</li> <li>Victims Commissioner (2020) Children's experience of domestic abuse and criminality: A literature review</li> </ul>		
<ul> <li>selected articles or ÚK published documents if the title or abstract were directly relevant and were within the date limits (March-Sept 2020). Publications from individual local authorities or school were not included. Only items not identified elsewhere were retained</li> <li>What Works Wellbeing (2020) Measuring wellbeing in schools and colleges</li> <li>Association for Child and Adolescent Mental Health (20202) The association between anxiety and poor school attendance</li> <li>Social Finance (2020) Maximising access to education: who's at risk of exclusion?</li> <li>Scottish Government (2020) Adverse Childhood Experiences (ACEs)</li> <li>Public Health Scotland (2020) Adverse Childhood Experiences (ACEs)</li> <li>Wenfu Li, Xueting Zhang, Minghui Chu, Gongying Li (2020) The Impact of Adverse Childhood Experiences on Mobile Phone Addiction in Chinese College Students: A Serial Multiple Mediator Model Front. Psychol., 13 May 2020</li> <li>Hughes, Karen; Ford, Kat; Kadel, Rajendra; Sharp, Catherine; Bellis, Mark (2020) Health and financial burden of adverse childhood experiences in England and Wales: a combined primary data study of five surveys. BMJ Open, 2020;10:e036374.</li> <li>Victims Commissioner (2020) Children's experience of domestic abuse and criminality: A literature review</li> <li>Institute for Mental Health (2020) Knife Crime and Youth Violence: Prevalence, Prediction and Prevention</li> </ul>		
<ul> <li>schools and colleges</li> <li>Association for Child and Adolescent Mental Health (20202) The association between anxiety and poor school attendance</li> <li>Social Finance (2020) Maximising access to education: who's at risk of exclusion?</li> <li>Scottish Government (2020) Adverse Childhood Experiences (ACEs)</li> <li>Public Health Scotland (2020) Adverse Childhood Experiences (ACEs)</li> <li>Wenfu Li, Xueting Zhang, Minghui Chu, Gongying Li (2020) The Impact of Adverse Childhood Experiences on Mobile Phone Addiction in Chinese College Students: A Serial Multiple Mediator Model Front. Psychol., 13 May 2020</li> <li>Hughes, Karen; Ford, Kat; Kadel, Rajendra; Sharp, Catherine; Bellis, Mark (2020) Health and financial burden of adverse childhood experiences in England and Wales: a combined primary data study of five surveys. BMJ Open, 2020;10:e036374.</li> <li>Victims Commissioner (2020) Children's experience of domestic abuse and criminality: A literature review</li> <li>Institute for Mental Health (2020) Knife Crime and Youth Violence: Prevalence, Prediction and Prevention</li> </ul>	selected articles or UK published documents if the title or abstract were directly relevant and were within the date limits (March-Sept 2020). Publications from individual local authorities or school were not included. Only items not identified elsewhere	
People: Mental Health Promotion	<ul> <li>schools and colleges</li> <li>Association for Child and Adolescent Mental Health (20202) The association between anxiety and poor school attendance</li> <li>Social Finance (2020) Maximising access to education: who's at risk of exclusion?</li> <li>Scottish Government (2020) Adverse Childhood Experiences (ACEs)</li> <li>Public Health Scotland (2020) Adverse Childhood Experiences (ACEs)</li> <li>Wenfu Li, Xueting Zhang, Minghui Chu, Gongying Li (2020) The Impact of Adverse Childhood Experiences on Mobile Phone Addiction in Chinese College Students: A Serial Multiple Mediator Model Front. Psychol., 13 May 2020</li> <li>Hughes, Karen; Ford, Kat; Kadel, Rajendra; Sharp, Catherine; Bellis, Mark (2020) Health and financial burden of adverse childhood experiences in England and Wales: a combined primary data study of five surveys. BMJ Open, 2020;10:e036374.</li> <li>Victims Commissioner (2020) Children's experience of domestic abuse and criminality: A literature review</li> <li>Institute for Mental Health (2020) Knife Crime and Youth Violence: Prevalence, Prediction and Prevention</li> <li>Royal College of Nursing (2020) children and Young</li> </ul>	

A number of websites were searched as part of the main 'interventions' RQ searches for the topic. Any results relevant to any part of Social, emotional and mental wellbeing in primary and secondary education were included in the results so no further searches have been carried out for risk factor specific results.

# **Covid Searches**

# **19. Review question details**

Topic: Social, emotional and mental wellbeing in primary, secondary and further education

The Covid searches were designed to span across the guideline as a whole and do not relate to any one specific review question.

# **20.Database strategy outline**

## 20.1 Overview

A NICE information specialist conducted the literature searches for the evidence review. The searches for the effectiveness evidence were run on 7-16<sup>th</sup> April 2021.

The principal search strategy was developed in MEDLINE (Ovid interface) and adapted, as appropriate, for use in the other sources listed in the protocol, taking into account their size, search functionality and subject coverage.

These searches covered the guideline as a whole. The intention with these additional searches was to identify any evidence relating to issues caused by the impact of covid-19 on school and school children which may not be picked up by the strategies developed for the specific review questions.

The searches were developed in line with the NICE guidelines development manual (PMG20, 2014), which states that:

"NICE encourages the use of search methods that balance recall and precision. The aim is to identify the best available evidence to address a particular question without producing an unmanageable volume of results".

## 20.2 Filters and limits

The initial search was developed in Medline. Line references below refer to the original Medline strategy.

English language limits were applied in adherence to standard NICE practice and the review protocol.

Limits to exclude letters, editorials, news and conferences were applied in adherence to standard NICE practice and the review protocol.

The search was limited from 2020 to current as evidence prior to that would not relate to covid-19. The limit to remove animal studies in the searches was the standard NICE practice, which has been adapted from: Dickersin, K., Scherer, R., & Lefebvre, C. (1994). <u>Systematic Reviews: Identifying relevant studies for systematic reviews</u>. *BMJ*, 309(6964), 1286.

## 20.3 Quality assurance

The Information Services team at NICE quality assured the principal search strategy and peer reviewed the strategies for the other databases according to the standard NICE checklist that was adapted from the 2015 Peer review of electronic search strategies (PRESS) checklist.

## 20.4 Review management

The search results were managed in EPPI-Reviewer v5. Duplicates were removed in EPPI-R5 using a two-step process. First, automated deduplication is performed using a high-value algorithm. Second, manual deduplication is used to assess 'low-probability' matches. All decisions made for the review can be accessed via the deduplication history.

# 21. Search dates

# **21.1 Effectiveness searches**

Database name	Date searched	Database Platform	Database segment or version
Medline	Original searches 07/04/2021	Ovid	Ovid MEDLINE(R) 1946 to April 06, 2021
Medline in Process	Original searches 07/04/2021	Ovid	Ovid MEDLINE(R) In-Process & In- Data-Review Citations 1946 to April 06, 2021
Medline epubs	Original searches 07/04/2021	Ovid	Ovid MEDLINE(R) Epub Ahead of Print April 06, 2021
Embase	Original searches 07/04/2021	Ovid	Embase 1974 to 2021 April 06
psycINFO	Original searches 08/04/2021	Ovid	APA PsycInfo 1806 to March Week 5 2021
ERIC	Original searches 09/04/2021	Proquest	ERIC
Social Policy & Practice (SPP)	Original searches 08/04/2021	Ovid	Social Policy and Practice 202101
Web of Science	Original searches 09/04/2021	Web of Science	Web of Science
Cochrane Database of Systematic Reviews (CDSR)	Original searches 13/04/2021	Wiley	Issue 3 of 12, March 2021
Cochrane Central Register	Original searches	Wiley	Issue 3 of 12, March 2021

of Controlled Trials (CENTRAL)	13/04/2021		
Database of promoting health effectiveness reviews (Dopher)	Original searches 13/04/2021	Eppi Centre	Eppi Centre
Trials Register of Promoting Health Interventions (Trophi)	Original searches 13/04/2021	Eppi Centre	Eppi Centre
Bibliomap	Original searches 13/04/2021	Eppi Centre	Eppi Centre
Google Scholar	Original searches 15/04/2021	Google Scholar	Google Scholar
Medrxiv / Biorxiv	Original searches 15/04/2021	Еррі	Internal eppi surveillance database
Living map of systematic reviews of social sciences research evidence on COVID-19	<b>Original</b> searches 16/04/2021	Eppi Centre	EPPI-Vis
## **22.Number of records retrieved**

### 22.1 Effectiveness search

\*each set of results was added into the same Eppi review, so the re-run searches were deduplicated against all previous results in the review.

Search source	No. of records retrieved	Results	De-duplicated
Medline	1573		
Medline in Process	140		
Medline epubs	709		
Embase	2127		
psycINFO	437		
ERIC	315	8178	5231
Social Policy & Practice	539		0201
Web of Science	2066		
Cochrane Database of Systematic Reviews (CDSR)	9		
Cochrane Central Register of Controlled Trials (CENTRAL)	46		
Dopher	0		
Trophi	0		

Bibliomap	0
Google Scholar	80
Medrxiv / Bioxriv (via Eppi surveillance database)	23
Living map of systematic reviews of social sciences research evidence on COVID-19	70
Websites	44

## 23.Database search strategies

### 23.1 Effectiveness searches

#### 23.1.1 Medline

1 Schools/ 40428

2 School Teachers/ 1741

3 School Health Services/ 17574

4 Teaching/ 49889

5 (school\* adj4 (child\* or pupil\* or teacher\* or headteach\* or head-teach\* or 57919 headmaster\* or headmistress\* or principal\* or class\*)).ti,ab.

("special educational need\*" or SEND or SEN or (special adj1 school\*) or EHC or 6 "education, health and care plan\*").ti,ab. 10651

7 Education, Special/ 8871

((school\* or education) adj4 (closure\* or close\* or closing\* or open\* reopen\* or 8 lockdown\*)).ti,ab. 1715

(homeschool\* or home-school\* or "home school").ti,ab.540 9

- 10 ("home learning" or (learn\* adj2 home\*)).ti,ab. 329
- 11 (DfE or OFSTED or "department for education").ti,ab. 820

((child\* or schoolchild\* or adolescen\* or teen\* or youth or youths or "young people" 12 or "school student\*") and (social or emotion\* or "mental health" or wellbeing or well-being or "well being" or anxiet\* or depress\* or stress\* or distress\* or "at risk" or "risk factor\*" or behaviour\* or behavior\* or development or "screen time" or "physical activi\*")).ti,ab.

#### 483404

13 Child Behavior/ or Child Development/ or Child Welfare/ 84781

- 14 Adolescent Behavior/ or Adolescent Development/ 35848
- 15 or/1-14 660367

16 Coronavirus/ or Coronavirus Infections/ or Pneumonia, Viral/ 51758

- 17 Communicable Disease Control/ or Pandemics/pc [Prevention & Control] 32577
- 18 (covid or covid19 or covid-19 or coronavirus).ti,ab. 73922
- or/16-18 19 107619
- 20 15 and 19 3256
- 21 limit 20 to english language 3002
- 22 limit 21 to yr="2020 -Current" 1865
- limit 22 to (letter or historical article or comment or editorial or news or case 23 292
- reports)
- 22 not 23 24 1573

#### 23.1.2 Medline in Process

(school\* adj4 (child\* or pupil\* or teacher\* or headteach\* or head-teach\* or 1 headmaster\* or headmistress\* or principal\* or class\*)).ti,ab. 1767

("special educational need\*" or SEND or SEN or (special adj1 school\*) or EHC or 2 "education, health and care plan\*").ti,ab. 399

3 ((school\* or education) adj4 (closure\* or close\* or closing\* or open\* reopen\* or lockdown\*)).ti,ab. 89

(homeschool\* or home-school\* or "home school").ti,ab.25 4

- 5 ("home learning" or (learn\* adj2 home\*)).ti,ab. 21
- 6 (DfE or OFSTED or "department for education").ti,ab. 48

7 ((child\* or schoolchild\* or adolescen\* or teen\* or youth or youths or "young people" or "school student\*") and (social or emotion\* or "mental health" or wellbeing or well-being or "well being" or anxiet\* or depress\* or stress\* or distress\* or "at risk" or "risk factor\*" or behaviour\* or behavior\* or development or "screen time" or "physical activi\*")).ti,ab.

- 21305
- 8 or/1-7 22551
- 9 (covid or covid19 or covid-19 or coronavirus).ti,ab. 4517
- 10 8 and 9 144
- 11 limit 10 to english language 140
- 12 limit 11 to yr="2020 -Current" 140

#### 23.1.3 Medline epubs

1 (school\* adj4 (child\* or pupil\* or teacher\* or headteach\* or head-teach\* or headmaster\* or headmistress\* or principal\* or class\*)).ti,ab. 1326

2 ("special educational need\*" or SEND or SEN or (special adj1 school\*) or EHC or "education, health and care plan\*").ti,ab. 247

- 3 ((school\* or education) adj4 (closure\* or close\* or closing\* or open\* reopen\* or lockdown\*)).ti,ab. 165
- 4 (homeschool\* or home-school\* or "home school").ti,ab.30
- 5 ("home learning" or (learn\* adj2 home\*)).ti,ab. 15
- 6 (DfE or OFSTED or "department for education").ti,ab. 23

7 ((child\* or schoolchild\* or adolescen\* or teen\* or youth or youths or "young people" or "school student\*") and (social or emotion\* or "mental health" or wellbeing or well-being or "well being" or anxiet\* or depress\* or stress\* or distress\* or "at risk" or "risk factor\*" or behaviour\* or behavior\* or development or "screen time" or "physical activi\*")).ti,ab.

- 15029
- 8 or/1-7 15989
- 9 (covid or covid19 or covid-19 or coronavirus).ti,ab. 19494
- 10 8 and 9 729
- 11 limit 10 to english language 709
- 12 limit 11 to yr="2020 -Current" 709

#### 23.1.4 Embase

- 1 school/ 63695
- 2 school teacher/ 1775
- 3 school health service/ 13872
- 4 teaching/ 95574
- 5 (school\* adj4 (child\* or pupil\* or teacher\* or headteach\* or head-teach\* or headmaster\* or headmistress\* or principal\* or class\*)).ti,ab. 81433

6 ("special educational need\*" or SEND or SEN or (special adj1 school\*) or EHC or "education, health and care plan\*").ti,ab. 20378

- 7 special education/ 3000
- 8 ((school\* or education) adj4 (closure\* or close\* or closing\* or open\* reopen\* or lockdown\*)).ti,ab. 2597
- 9 (homeschool\* or home-school\* or "home school").ti,ab.926
- 10 ("home learning" or (learn\* adj2 home\*)).ti,ab. 548
- 11 (DfE or OFSTED or "department for education").ti,ab. 1412

12 ((child\* or schoolchild\* or adolescen\* or teen\* or youth or youths or "young people" or "school student\*") and (social or emotion\* or "mental health" or wellbeing or well-being or "well being" or anxiet\* or depress\* or stress\* or distress\* or "at risk" or "risk factor\*" or behaviour\* or behavior\* or development or "screen time" or "physical activi\*")).ti,ab.

#### 765568

- 13 child behavior/ or child development/ or child welfare/ 101206
- 14 adolescent behavior/ or adolescent development/ 14607
- 15 or/1-14 1004312
- 16 coronavirinae/ or coronavirus infection/ or virus pneumonia/ 24850
- 17 communicable disease control/ or pandemic/pc [Prevention] 4901
- 18 (covid or covid19 or covid-19 or coronavirus).ti,ab. 121812
- 19 or/16-18 133035
- 20 15 and 19 4404
- 21 limit 20 to english language 4231
- 22 limit 21 to yr="2020 -Current" 3756
- 23 22 not (letter or editorial).pt. 3467
- 24 (conference abstract or conference paper or conference proceeding or "conference
- review").pt. 4853669
- 25 23 not 24 3032
- 26 elsevier.cr. 27155596
- 27 25 and 26 2127

#### 23.1.5 psycINFO

- 1 exp schools/ or school environment/ 82373
- 2 teachers/ or elementary school teachers/ or high school teachers/ or junior high
- school teachers/ or middle school teachers/ or special education teachers/ 60725
- 3 School Nurses/ 900
- 4 teaching/ 45611
- 5 (school\* adj4 (child\* or pupil\* or teacher\* or headteach\* or head-teach\* or headmaster\* or headmistress\* or principal\* or class\*)).ti,ab. 106976
- 6 ("special educational need\*" or SEND or SEN or (special adj1 school\*) or EHC or "education, health and care plan\*").ti,ab. 7452
- 7 Special Education/ 26154
- 8 ((school\* or education) adj4 (closure\* or close\* or closing\* or open\* reopen\* or lockdown\*)).ti,ab. 1967
- 9 (homeschool\* or home-school\* or "home school").ti,ab.2371
- 10 ("home learning" or (learn\* adj2 home\*)).ti,ab. 879
- 11 (DfE or OFSTED or "department for education").ti,ab. 2873
- 12 ((child\* or schoolchild\* or adolescen\* or teen\* or youth or youths or "young people" or "school student\*") and (social or emotion\* or "mental health" or wellbeing or well-being or "well being" or anxiet\* or depress\* or stress\* or distress\* or "at risk" or "risk factor\*" or behaviour\* or behavior\* or development or "screen time" or "physical activi\*")).ti,ab.

#### 599244

- 13 Child Welfare/ or Child Behavior/ 9493
- 14 Adolescent Behavior/ or Adolescent Development/ 51073
- 15 or/1-14 801802
- 16 coronavirus/ or pneumonia/ 3074
- 17 pandemics/ 2351
- 18 (covid or covid19 or covid-19 or coronavirus).ti,ab. 4940
- 19 or/16-18 6120
- 20 15 and 19 792

- 21 limit 20 to english language 509
- 22 limit 21 to yr="2020 -Current" 437

#### 23.1.6 ERIC

S1	<ul> <li>(covid OR covid19 OR covid-19 OR coronavirus) AND rtype.exact("Report" OR "Statistics/Data Report" OR "Government &amp; Official Document" OR "Review" OR "Article") AND la.exact("English") AND lv("high school equivalency programs" OR "elementary secondary education" OR "secondary education" OR "elementary education" OR "grade 2" OR "primary education" OR "grade 3" OR "grade 4" OR "grade 5" OR "high schools" OR "grade 1" OR "grade 10" OR "grade 11" OR "grade 12" OR "intermediate grades" OR "grade 6" OR "grade 7" OR "middle schools" OR "grade 8" OR "junior high schools" OR "grade 9")</li> </ul>	244
S2	<ul> <li>(homeschool* OR home-school* OR "home school" OR "home learning" OR "learning at home") AND rtype.exact("Report" OR "Statistics/Data Report" OR "Government &amp; Official Document" OR "Review" OR "Article") AND la.exact("English") AND lv("high school equivalency programs" OR "elementary secondary education" OR "secondary education" OR "elementary education" OR "grade 2" OR "primary education" OR "grade 3" OR "grade 4" OR "grade 5" OR "high schools" OR "grade 1" OR "grade 10" OR "grade 11" OR "grade 12" OR "intermediate grades" OR "grade 6" OR "grade 7" OR "middle schools" OR "grade 8" OR "junior high schools" OR "grade 9")</li> </ul>	763
S3	<ul> <li>((school OR schools) NEAR/4 (closure OR closures OR closed OR closing OR opening OR reopen OR reopening OR lockdown)) AND rtype.exact("Report" OR "Statistics/Data Report" OR "Government &amp; Official Document" OR "Review" OR "Article") AND la.exact("English") AND lv("high school equivalency programs" OR "elementary secondary education" OR "secondary education" OR "relementary education" OR "grade 2" OR "primary education" OR "grade 3" OR "grade 4" OR "grade 5" OR "high schools" OR "grade 1" OR "grade 10" OR "grade 11" OR "grade 12" OR "intermediate grades" OR "grade 6" OR "grade 7" OR "middle schools" OR "grade 8" OR "junior high schools" OR "grade 9")</li> </ul>	783
S4	s1 or s2 or s3	1644
S5	((((s1 or s2 or s3) AND rtype.exact("Report" OR "Statistics/Data Report" OR "Government & Official Document" OR "Review" OR "Article")) AND la.exact("English")) AND lv("high school equivalency programs" OR "elementary secondary education" OR "secondary education" OR "elementary education" OR "grade 2" OR "primary education" OR "grade 3" OR "grade 4" OR "grade 5" OR "high schools" OR "grade 1" OR "grade 10" OR "grade 11" OR "grade 5" OR "intermediate grades" OR "grade 6" OR "grade 7" OR "middle schools" OR "grade 8" OR "junior high schools" OR "grade 9") AND pd(>20191231)	315

#### 23.1.7 Social Policy & Practice

1 (school\* adj4 (child\* or pupil\* or teacher\* or headteach\* or head-teach\* or headmaster\* or headmistress\* or principal\* or class\*)).ti,ab. 6443

2 (school\* and (child\* or pupil\* or teacher\* or headteach\* or head-teach\* or headmaster\* or headmistress\* or principal\* or class\*)).hw. 12098

3 ("special educational need\*" or SEND or SEN or (special adj1 school\*) or EHC or "education, health and care plan\*").ti,ab. 2078

4 ("special educational need\*" or "education, health and care plan\*").sh. 1877

5 (SEND or SEN or EHC or (special\* and school\*)).hw. 1406

6 ((school\* or education) adj4 (closure\* or close\* or closing\* or open\* reopen\* or lockdown\*)).ti,ab. 243

7 ((school\* or education\*) and (closure\* or close\* or closing\* or open\* reopen\* or lockdown\*)).hw. 62

- 8 (homeschool\* or home-school\* or "home school").ti,ab.187
- 9 (homeschool\* or (home\* and school\*)).hw. 431
- 10 ("home learning" or (learn\* adj2 home\*)).ti,ab. 145
- 11 (home\* and learn\*).hw.715
- 12 (DfE or OFSTED or "department for education").ti,ab. 1620
- 13 (DfE or OFSTED or (department\* and education\*)).hw. 529

14 ((child\* or schoolchild\* or adolescen\* or teen\* or youth or youths or "young people" or "school student\*") and (social or emotion\* or "mental health" or wellbeing or well-being or "well being" or anxiet\* or depress\* or stress\* or distress\* or "at risk" or "risk factor\*" or behaviour\* or behavior\* or development or "screen time" or "physical activi\*")).ti,ab.

55169

15 ((child\* or schoolchild\* or adolescen\* or teen\* or youth\*or youths\* or "young\* people\*" or "school\* student\*") and (social\* or emotion\* or "mental\* health\*" or wellbeing\* or well-being\* or "well\* being\*" or anxiet\* or depress\* or stress\* or distress\* or "at\* risk\*" or "risk\* factor\*" or behaviour\* or behavior\* or development\* or "screen\* time\*" or "physical\* activi\*")).hw. 48490

- 16 or/1-15 82052
- 17 (covid or covid19 or covid-19 or coronavirus).ti,ab. 1534
- 18 (covid or covid19 or covid-19 or coronavirus).hw. 1253
- 19 or/17-18 1587
- 20 16 and 19 540
- 21 limit 20 to yr="2020 -Current" 539

#### 23.1.8 Web of Science

# 11 2,066

(#10) AND LANGUAGE: (English) AND DOCUMENT TYPES: (Article OR Abstract of Published Item OR Review)

Indexes=SCI-EXPANDED Timespan=2020-2021

# 10 4,293

#8 and #9

Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All years

#9 114,782

(TI=(covid\* OR covid19 OR covid-19 OR coronavirus) ) or (AB=(covid\* OR covid19 OR covid-19 OR coronavirus))

Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All years

# 8 839,272

#1 or #2 or #3 or #4 or #5 or #6 or #7

Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All years

# 7 635,202

(TI=((child\* or schoolchild\* or adolescen\* or teen\* or youth or youths or "young people" or "school student\*") and (social or emotion\* or "mental health" or wellbeing or wellbeing or "well being" or anxiet\* or depress\* or stress\* or distress\* or "at risk" or "risk factor

being or "well being" or anxiet\* or depress\* or stress\* or distress\* or "at risk" or "risk factor \*" or behaviour\* or behavior\* or development or "screen time" or "physical activi\*"))) or (A B=((child\* or schoolchild\* or adolescen\* or teen\* or youth or youths or "young people" or "s chool student\*") and (social or emotion\* or "mental health" or wellbeing or wellbeing or "well being" or anxiet\* or depress\* or stress\* or distress\* or "at risk" or "risk factor \*" or behaviour\* or behavior\* or development or "screen time" or "physical activi\*"))) Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All years #6 2,295 (TI=(DfE or OFSTED or "department for education") ) or (AB=(DfE or OFSTED or "department for education")) Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All years #5 111,911 (TI=("special educational need\*" or SEND or SEN or (special NEAR/1 school\*) or EHC or "education, health and care plan\*")) or (AB=("special educational need\*" or SEND or SEN or (special NEAR/1 school\*) or EHC or "education, health and care plan\*")) Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All years #4 1,481 (TI=("home learning" or (learn\* NEAR/2 home\*) )) or (AB=("home learning" or (learn\* NEAR/2 home\*))) Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All years #3 1,552 ((TI=(homeschool\* or home-school\* or "home school") ) or (AB=(homeschool\* or homeschool\* or "home school"))) Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All years #2 31,316 (TI=((school\* or education) and (closure\* or close\* or closing\* or open\* reopen\* or lockdown\*))) or (AB=((sc hool\* or education) and( closure\* or close\* or closing\* or open\* reopen\* or lockdown\*))) Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All years #1 112,888 (TI=(school\* NEAR/4 (child\* or pupil\* or teacher\* or headteach\* or head-teach\* or headmaster\* or headmistress\* or principal\* or class\*) ))or(AB=(school\* NEAR/4 (child\* or pupil\* or teacher\* or headteach\* or head-teach\* or headmaster\* or headmistress\* or principal\* or class\*) ))

Indexes=SCI-EXPANDED, SSCI, A&HCI, ESCI Timespan=All years

#### 23.1.9 CDSR

- #1 [mh ^schools] 2050
- #2 [mh ^"school teachers"]130
- #3 [mh ^"school health services"] 1465
- #4 [mh ^teaching] 1742
- #5(school\* NEAR/4 (child\* or pupil\* or teacher\* or headteach\* or head-teach\* orheadmaster\* or headmistress\* or principal\* or class\*)):ti,ab8352

#6("special educational need\*" or SEND or SEN or (special NEAR/1 school\*) or EHC or"education, health and care plan\*"):ti,ab1808

- #7 [mh ^"Education, Special"] 161
- #8 ((school\* or education) NEAR/4 (closure\* or close\* or closing\* or open\* reopen\* or lockdown\*)):ti,ab 194
- #9 (homeschool\* or home-school\* or "home school"):ti,ab 85
- #10 ("home learning" or (learn\* NEAR/2 home\*)):ti,ab 108
- #11 (DfE or OFSTED or "department for education"):ti,ab 52

#12 ((child\* or schoolchild\* or adolescen\* or teen\* or youth or youths or "young people" or "school student\*") and (social or emotion\* or "mental health" or wellbeing or well-being or "well being" or anxiet\* or depress\* or stress\* or distress\* or "at risk" or "risk factor\*" or behaviour\* or behavior\* or development or "screen time" or "physical activi\*")):ti,ab

63887

- #13 [mh ^"child behavior"] or [mh ^"child development"] or [mh ^"child welfare"]3568
- #14 [mh ^"adolescent behavior"] or [mh ^"adolescent development"] 1480
- #15 {or #1-#14} 73552
- #16 [mh ^Coronavirus] or [mh ^"Coronavirus Infections"] or [mh ^"Pneumonia, Viral"]682
- #17 [mh ^"Communicable Disease Control"] or [mh ^Pandemics/PC] 161
- #18 (covid or covid19 or covid-19 or coronavirus):ti,ab 5016
- #19 {or #16-#18} 5210
- #20 #15 and #19 283
- #21 #20 with Cochrane Library publication date Between Jan 2020 and Apr 2021, in

Cochrane Reviews 9

#### 23.1.10 CENTRAL

#1 [mh ^schools] 2050

- #2 [mh ^"school teachers"]130
- #3 [mh ^"school health services"] 1465
- #4 [mh ^teaching] 1742
- #5(school\* NEAR/4 (child\* or pupil\* or teacher\* or headteach\* or head-teach\* orheadmaster\* or headmistress\* or principal\* or class\*)):ti,ab8352

#6 ("special educational need\*" or SEND or SEN or (special NEAR/1 school\*) or EHC or
"education, health and care plan\*"):ti,ab
1808

#7 [mh ^"Education, Special"] 161

#8 ((school\* or education) NEAR/4 (closure\* or close\* or closing\* or open\* reopen\* or lockdown\*)):ti,ab 194

#9 (homeschool\* or home-school\* or "home school"):ti,ab 85

#10 ("home learning" or (learn\* NEAR/2 home\*)):ti,ab 108

#11 (DfE or OFSTED or "department for education"):ti,ab 52

#12 ((child\* or schoolchild\* or adolescen\* or teen\* or youth or youths or "young people" or "school student\*") and (social or emotion\* or "mental health" or wellbeing or well-being or "well being" or anxiet\* or depress\* or stress\* or distress\* or "at risk" or "risk factor\*" or behaviour\* or behavior\* or development or "screen time" or "physical activi\*")):ti,ab

#### 63887

- #13 [mh ^"child behavior"] or [mh ^"child development"] or [mh ^"child welfare"]3568
- #14 [mh ^"adolescent behavior"] or [mh ^"adolescent development"] 1480
- #15 {or #1-#14} 73552
- #16 [mh ^Coronavirus] or [mh ^"Coronavirus Infections"] or [mh ^"Pneumonia, Viral"]682
- #17 [mh ^"Communicable Disease Control"] or [mh ^Pandemics/PC] 161

#18	(covid or covid19 or covid-19 or coronavirus):ti,ab	
#19	{or #16-#18} 5210	
#20	#15 and #19 283	
#21	"conference":pt or (clinicaltrials or trialsearch):so	
#22	#20 not #21 97	
#23	#22 with Publication Year from 2020 to 2021, in Trials	

#### 23.1.11 Dopher

Search 1:

±.		
1	Freetext (All but Authors): covid	2
2	Freetext (All but Authors): covid-19	2
3	Freetext (All but Authors): coronavirus	0
4	Freetext (All but Authors): pandemic	9
5	Freetext (All but Authors): lockdown	0
6	Freetext (All but Authors): "lock down"	0
7	Freetext (All but Authors): homeschool*	0
8	Freetext (All but Authors): "home school*"	5
9	1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8	14
od titlog	of all 14 results, none were relevant	

Reviewed titles of all 14 results, none were relevant.

#### Search 2:

· =·			
1	Freetext (All but Authors): "mental health"	378	
2	Freetext (All but Authors): social	1164	
3	Freetext (All but Authors): emotional	155	
4	Freetext (All but Authors): resilience	36	
5	Freetext (All but Authors): coping	76	
6	Freetext (All but Authors): mindful	3	
7	Freetext (All but Authors): bully	3	
8	Freetext (All but Authors): bullying	21	
9	Freetext (All but Authors): school	903	
10	Freetext (All but Authors): schools	360	
11	Freetext (All but Authors): teachers	75	
12	1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR	10 OR 11 22	21
13	Freetext (Year): 2020-2021	463	
14	12 AND 13	178	
15	Freetext (All but Authors): child*	554	
16	Freetext (All but Authors): adolescen*	1	
17	Freetext (All but Authors): teen*	26	
18	Freetext (All but Authors): pupil*	3	
19	Freetext (All but Authors): school*	903	
20	Freetext (All but Authors): teacher*	33	
21	15 OR 16 OR 17 OR 18 OR 19 OR 20	1368	
22	14 AND 21	60	
owod titla	s of all 60 results, none were relevant		

Reviewed titles of all 60 results, none were relevant.

#### 23.1.12 Trophi

Search 1:

1Freetext (All but Authors): covid12Freetext (All but Authors): covid-19

1

3	Freetext (All but Authors): coronavirus	0		
4	Freetext (All but Authors): pandemic	18		
5	Freetext (All but Authors): lockdown		1	
6	Freetext (All but Authors): "lock down"	0		
7	Freetext (All but Authors): homeschool*	<b>'</b> 0		
8	Freetext (All but Authors): "home schoo	*"	4	
9	1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8	22		
<b>Reviewed titles</b>	of all 22 results, none were relevant.			
1	Freetext (All but Authors): "mental heal	th"	638	
2	Freetext (All but Authors): social	1877		
3	Freetext (All but Authors): emotional	383		
4	Freetext (All but Authors): resilience	79		
5	Freetext (All but Authors): coping	282		
6	Freetext (All but Authors): mindful	12		
7	Freetext (All but Authors): bully 4	Select		
8	Freetext (All but Authors): bullying	33		
9	Freetext (All but Authors): school	2993		
10	Freetext (All but Authors): schools	2061		
11	Freetext (All but Authors): teachers	575		
12	1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 0	OR 9 OR	10 OR 11	5350
13	Freetext (Year): 2020-2021 427			
14	12 AND 13 176			

Reviewed titles of all 176 results, none were relevant.

#### 23.1.13 Bibliomap

Search 1:

- 1 Characteristics of the study population: children 2913
- 2 Intervention site(s): educational institution 167
- 3 1 AND 2 76

Reviewed titles of all 167 results, none were relevant.

Search 2:

1	Freetex	t: covid 0	
	2	Freetext: covid-19	0
	3	Freetext: coronavirus	0
	4	Freetext: pandemic	5
	5	Freetext: "lock down"	0
	6	Freetext: lockdown	0
	7	Freetext: "home school	*" 6
	8	Freetext: homeschool*	0
	9	1 OR 2 OR 3 OR 4 OR 5	OR 6 OR 7 OR 8 11

Reviewed titles of all 11 results, none were relevant.

23.1.14	Google Scholar

Search engine		
Name         Google Scholar		
URL	https://scholar.google.co.uk/	

Date searched	15/04/21
Searcher	RA
Search terms	(homeschool or "home school") covid Lockdown school Covid schools covid "child wellbeing"
How the results were selected	Reviewed first 50 results from each search. Identified potentially relevant titles to reports / publications published since 2020.
Results	Added 80 into Eppi

#### 23.1.15 MedXriv & BioXriv

Carried out the following searches:

WHERE Title and abstract		has any homeschool	
OR	Title and abstract	has phrase	"home school"
OR	Title and abstract	has all	school; lockdown
OR	Title and abstract	has all	school; closure
OR	Title and abstract	has all	school; child
OR	Title and abstract	has phrase	"mental health"
OR	Title and abstract	has all	child; social
OR	Title and abstract	has all	child; emotional
OR	Title and abstract	has all	school; wellbeing
OR	Title and abstract	has phrase	"primary school"
OR	Title and abstract	has phrase	"high school"
OR	Title and abstract	has all	lockdown; children

755 results were identified, manually sifted these within the eppi reivew to identify those relevant by title. 23 records were selected.

# 23.1.16 Living map of systematic reviews of social sciences research evidence on COVID-19

Filtered living map to children and young people.

50 results downloaded

Filtered living map to education.

20 results downloaded

# 24.Website browsing

Website	
Name	Research in Practice
URL	www.rip.org.uk/
Date searched	
Searcher	RA
Search terms (including any specific sections browsed)	Browsed all publications from 2020 onwards.
Results	<ul> <li>Impact of COVID-19 on care and contact: Experiences in the first COVID-19 lockdown on foster carers and young people in their care – Evaluation Report (2020)</li> </ul>

Website	
Name	National Foundation for Educational Research
URL	www.nfer.ac.uk/
Date searched	15/04/21
Searcher	RA
Search terms (including any specific sections browsed)	Searched publications for 'covid'
Results	<ul> <li>The implications of Covid-19 on the school funding landscape</li> <li>Schools' responses to Covid-19 The challenges facing schools and pupils in September 2020</li> <li>Home learning during Covid-19: Findings from the Understanding Society Longitudinal Study</li> <li>Schools' responses to Covid-19: Key findings from the Wave 1 survey</li> <li>Schools' responses to Covid-19: Technical report on Wave 1 survey</li> <li>Schools' responses to Covid-19: Support for vulnerable pupils and the children of keyworkers</li> <li>Schools' responses to Covid-19: Job satisfaction and workload of teachers and senior leaders</li> <li>Schools' responses to Covid-19: pupil engagement in remote learning</li> <li>Schools' responses to Covid-19: Returning pupils to school</li> </ul>

Website	
Name	PSHE Association
URL	www.pshe-association.org.uk/
Date searched	16/04/21
Searcher	RA

Search terms (including any specific sections browsed)	Browsed the coronavirus hub section
Results	<ul> <li>Back to school support packs, KS1-5</li> <li>Discussing coronavirus (COVID-19) with children and young people</li> <li>Guide for parents and carers educating children at home</li> <li>Guide to teaching PSHE education remotely</li> <li>Adapting PSHE lessons for home learning</li> </ul>

Website	
Name	Public Health England
URL	https://www.gov.uk/government/organisations/public-health- england
Date searched	16/04/21
Searcher	RA
Search terms (including any specific sections browsed)	Browsed Guidance and Regulation section, limited to Coronavirus topic area. Browsed Research section, limited to Coronavirus topic area.
Results	<ul> <li>COVID-19: guidance on supporting children and young people's mental health and wellbeing</li> <li>COVID-19: mental health and wellbeing surveillance report (see section 7)</li> </ul>

Website	
Name	Department of Health and Social Care
URL	https://www.gov.uk/government/organisations/department-of- health-and-social-care
Date searched	16/04/21
Searcher	RA
Search terms	
(including any	Browsed Guidance and Regulation section, limited to Coronavirus
specific	topic area.
sections	Browsed Research section, limited to Coronavirus topic area.
browsed)	
Results	No results

Website	
Name	Department for Education
URL	https://www.gov.uk/government/organisations/department-for- education
Date searched	16/04/21
Searcher	RA
Search terms (including any	Browsed Guidance and Regulation section, limited to Coronavirus
specific	topic area.

sections browsed)	Browsed Research section, limited to Coronavirus topic area.
Results	<ul> <li>Actions for schools during the coronavirus outbreak</li> <li>Special schools and other specialist settings: coronavirus (COVID-19)</li> <li>Providing school meals during the coronavirus (COVID-19) outbreak</li> <li>Safeguarding and remote education during coronavirus (COVID-19)</li> <li>Supporting your children's remote education during coronavirus (COVID-19)</li> <li>Supporting about mental wellbeing</li> <li>Keeping pupils motivated and engaged</li> <li>Supporting wellbeing</li> <li>Pupils' progress in the 2020 to 2021 academic year: interim report</li> <li>Evidence summary: COVID-19 - children, young people and education settings</li> </ul>

Website	
Name	Public Health Institute
URL	http://www.phi.org/
Date searched	16/04/21
Searcher	RA
Search terms (including any specific sections browsed)	Browsed the Covid-19 pandemic resources section for publications
Results	No results

Website	
Name	Mentor-Adepis
URL	http://mentor-adepis.org/
Date searched	16/04/21
Searcher	RA
Search terms	Searched site for
(including any	Covid
specific	Covid-19
sections	Coronavirus
browsed)	
Results	No results

Website	
Name	OFSTED
URL	https://www.gov.uk/government/organisations/ofsted
Date searched	16/04/21
Searcher	RA
Search terms	
(including any	Browsed Guidance and Regulation section, limited to Coronavirus
specific	topic area.

sections browsed)	Browsed Research section, limited to Coronavirus topic area.
Results	<ul> <li>Ofsted: coronavirus (COVID-19) rolling update</li> </ul>
	<ul> <li>What's working well in remote education</li> </ul>
	Remote education research

Website		
Name	Education Endowment Foundation	
URL	https://educationendowmentfoundation.org.uk/	
Date searched	16/04/21	
Searcher	RA	
Search terms (including any specific sections browsed)	Browsed Covid-19 resources section	
Results	<ul> <li>Best evidence on supporting students to learn remotely</li> <li>Best evidence on impact of Covid-19 on pupil attainment</li> </ul>	

Website		
Name	Children's Commissioner	
URL	https://www.childrenscommissioner.gov.uk/	
Date searched	16/04/21	
Searcher	RA	
Search terms	Browsed Coronavirus section	
(including any specific sections browsed)	Browsed reports from 2020 onwards	
Results	<ul> <li>Childhood in the time of Covid</li> <li>Stress among children in England during the coronavirus lockdown</li> <li>Putting children first in future lockdowns</li> <li>The state of children's mental health services 2020/21</li> <li>School return: Covid-19 and school attendance</li> <li>Tackling the disadvantage gap during the Covid-19 crisis</li> </ul>	

Website		
Name	Council for Disabled Children	
URL	https://councilfordisabledchildren.org.uk/	
Date searched	16/04/21	
Searcher	RA	
Search terms (including any specific sections browsed)	Searched site for covid	
Results	<ul> <li>Responding to Covid 19 - Innovation and best practice in the education, health and care sector during the pandemic</li> </ul>	

٠	Supporting Children with Learning Disability/ ASD: coping
	with COVID-19 isolation

Website		
Name	CASEL	
URL	https://casel.org/	
Date searched	16/04/21	
Searcher	RA	
Search terms (including any specific sections browsed)	Browsed current research section	
Results	No results	

Website		
Name	Early Intervention Foundation	
URL	https://www.eif.org.uk/	
Date searched	16/04/21	
Searcher	RA	
Search terms (including any specific sections browsed)	Browsed Reports section, limited to 2020-2021	
Results	Reducing parental conflict in the context of Covid-19: Adapting to virtual and digital provision of support Covid-19 and early intervention: Understanding the impact, preparing for recovery Covid-19 and early intervention: Evidence, challenges and risks relating to virtual and digital delivery	

Website	
Name	Barnardo's
URL	www.barnardos.org.uk
Date searched	
Searcher	RA
Search terms (including any specific sections browsed)	Browsed reports from 2020
Results	Devalued by Forces Beyond Your Control Experiences of COVID- 19 lockdown restrictions and visions for the future, from young people who are supported by Barnardo's.