

Supplementary information 1:**OVID Medline**

- 1 (child* or youth* or boy* or girl* or juvenil* or teenage* or adolescen* or "young person*" or "young people*" or toddler* or infan* or baby or babies).mp.
- 2 Child/ or Adolescent/ or Infant/ or Infant, Newborn/
- 3 1 or 2
- 4 (phon* or speech or speech disorder* or speech impairment* or speech sound disorder* or speech sound difficult* or speech-sound* or speech retard* or speech delay* or speech disabilit* or speech handicap* or speech problem* or childhood apraxia of speech or apraxia of speech or developmental verbal dyspraxia or verbal dyspraxia or dyspraxia or articulat*).ti,ab.
- 5 exp Speech Sound Disorder/
- 6 4 or 5
- 7 ("clinical service*" or "therap* service*" or NHS or "social care" or "social service*" or school* or education* or nurser* or "early year*" or preschool* or pre-school* or college* or universit*).mp.
- 8 Schools/ or Universities/ or Nurseries, Infant/ or Child, Preschool/ or Social Support/
- 9 7 or 8
- 10 (exp META-ANALYSIS AS TOPIC/ or ("meta analy*" or "metaanaly*").ti,ab. or META-ANALYSIS/ or (systematic adj1 (review*1 or overview*1)).ti,ab. or exp REVIEW LITERATURE AS TOPIC/ or (cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or cinhal or "science citation index" or bids or cancerlit).ab. or ("reference list*" or bibliograph* or hand-search* or "relevant journals" or "manual search*").ab. or (("selection criter*" or "data extraction").ab. and exp REVIEW/)) not ((ANIMALS/ not (ANIMALS/ and exp HUMANS/)) and (COMMENT/ or LETTER/ or EDITORIAL/ or (letter* or comment*1 or editorial*1).ti,ab.))
- 11 3 and 6 and 9 and 10
- 12 limit 11 to (english language and yr="2010 -Current")

Ovid Embase

Embase <1974 to 2022 September 14>

- 1 (child* or youth* or boy* or girl* or juvenil* or teenage* or adolescen* or "young person*" or "young people*" or toddler* or infan* or baby or babies).mp.
- 2 Child/ or Adolescent/ or Infant/ or Infant, Newborn/
- 3 1 or 2

- 4 (phon* or speech or speech disorder* or speech impairment* or speech sound disorder* or speech sound difficult* or speech-sound* or speech retard* or speech delay* or speech disabilit* or speech handicap* or speech problem* or childhood apraxia of speech or apraxia of speech or developmental verbal dyspraxia or verbal dyspraxia or dyspraxia or articulat*).ti,ab.
- 5 exp Speech Sound Disorder/
- 6 4 or 5
- 7 ("clinical service*" or "therap* service*" or NHS or "social care" or "social service*" or school* or education* or nurser* or "early year*" or preschool* or pre-school* or college* or universit*).mp.
- 8 Schools/ or Universities/ or Nurseries, Infant/ or Child, Preschool/ or Social Support/
- 9 7 or 8
- 10 (exp META-ANALYSIS AS TOPIC/ or ("meta analy*" or "metaanaly*").ti,ab. or META-ANALYSIS/ or (systematic adj1 (review*1 or overview*1)).ti,ab. or exp REVIEW LITERATURE AS TOPIC/ or (cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or cinhal or "science citation index" or bids or cancerlit).ab. or ("reference list*" or bibliograph* or hand-search* or "relevant journals" or "manual search*").ab. or (("selection criter*" or "data extraction").ab. and exp REVIEW/)) not ((ANIMALS/ not (ANIMALS/ and exp HUMANS/)) and (COMMENT/ or LETTER/ or EDITORIAL/ or (letter* or comment*1 or editorial*1).ti,ab.))
- 11 3 and 6 and 9 and 10
- 12 limit 11 to (english language and yr="2010 -Current")

Cochrane Database of Systematic Reviews

- #1 (child* or youth* or boy* or girl* or juvenil* or teenage* or adolescen* or "young person*" or "young people*" or toddler* or infan* or baby or babies):ti,ab,kw
- #2 MeSH descriptor: [Child] explode all trees
- #3 MeSH descriptor: [Adolescent] explode all trees
- #4 MeSH descriptor: [Infant] explode all trees
- #5 MeSH descriptor: [Infant, Newborn] explode all trees
- #6 #1 or #2 or #3 or #4 or #5
- #7 (phon* or speech or speech disorder* or speech impairment* or speech sound disorder* or speech sound difficult* or speech-sound* or speech retard* or speech delay* or speech disabilit* or speech handicap* or speech problem* or childhood apraxia of speech or apraxia of speech or developmental verbal dyspraxia or verbal dyspraxia or dyspraxia or articulat*):ti,ab,kw

- #8 MeSH descriptor: [Speech Sound Disorder] explode all trees
- #9 #7 or #8
- #10 ("clinical service*" or "therap* service*" or NHS or "social care" or "social service*" or school* or education* or nurser* or "early year*" or preschool* or pre-school* or college* or universit*):ti,ab,kw
- #11 MeSH descriptor: [Schools] explode all trees
- #12 MeSH descriptor: [Universities] explode all trees
- #13 MeSH descriptor: [Nurseries, Infant] explode all trees
- #14 MeSH descriptor: [Social Support] explode all trees
- #15 MeSH descriptor: [Child, Preschool] explode all trees
- #16 #10 or #11 or #12 or #13 or #14 or #15
- #17 #6 and #9 and #16 with Cochrane Library publication date Between Jan 2010 and Dec 2022, in Cochrane Reviews

EBSCO CINAHL

- S1 (child* or youth* or boy* or girl* or juvenil* or teenage* or adolescen* or "young person*" or "young people*" or toddler* or infan* or baby or babies)
- S2 (MH "Child") or (MH "Adolescence") or (MH "Infant") or (MH "Child, Preschool")
- S3 S1 OR S2
- S4 TI (phon* or speech or speech disorder* or speech impairment* or speech sound disorder* or speech sound difficult* or speech-sound* or speech retard* or speech delay* or speech disabilit* or speech handicap* or speech problem* or childhood apraxia of speech or apraxia of speech or developmental verbal dyspraxia or verbal dyspraxia or dyspraxia or articulat*) OR AB (phon* or speech or speech disorder* or speech impairment* or speech sound disorder* or speech sound difficult* or speech-sound* or speech retard* or speech delay* or speech disabilit* or speech handicap* or speech problem* or childhood apraxia of speech or apraxia of speech or developmental verbal dyspraxia or verbal dyspraxia or dyspraxia or articulat*)
- S5 (MH "Articulation Disorders, Organic") OR (MH "Articulation Disorders, Functional")
- S6 S4 OR S5
- S7 ("clinical service*" or "therap* service*" or NHS or "social care" or "social service*" or school* or education* or nurser* or "early year*" or preschool* or pre-school* or college* or universit*)
- S8 (MH "Schools") OR (MH "Colleges and Universities") OR (MH "Support, Psychosocial")

- S9 S7 OR S8
- S10 ("meta analy*" or metaanaly*) OR (MH "Meta analysis")
- S11 (systematic N1 (review*1 OR overview*1)) or (MH "Literature Review")
- S12 AB (cochrane OR embase OR psychlit OR psyclit OR psychinfo OR psycinfo OR cinahl OR cinhal OR "science citation index" OR bids OR cancerlit)
- S13 AB ("reference list*" OR bibliograph* OR hand-search* OR "relevant journals" OR "manual search*")
- S14 TI (("selection criter*" OR "data extraction") AND review*) NOT ((Commentary OR letter OR editorial) OR (letter* OR comment* OR editorial*)) OR AB (("selection criter*" OR "data extraction") AND review*) NOT ((Commentary OR letter OR editorial) OR (letter* OR comment* OR editorial*))
- S15 S10 OR S11 OR S12 OR S13 OR S14
- S16 S3 AND S6 AND S9 AND S15
- S17 S3 AND S6 AND S9 AND S15 Published Date: 20100101-20221231

ProQuest PsycInfo

((TI,AB(child* OR youth* OR boy* OR girl* OR juvenil* OR teenage* OR adolescen* OR "young person*" OR "young people*" OR toddler* OR infan* OR baby OR babies) AND TI,AB(phon* OR speech OR speech disorder* OR speech impairment* OR speech sound disorder* OR speech sound difficult* OR speech-sound* OR speech retard* OR speech delay* OR speech disabilit* OR speech handicap* OR speech problem* OR childhood apraxia of speech OR apraxia of speech OR developmental verbal dyspraxia OR verbal dyspraxia OR dyspraxia OR articulat*) AND (TI,AB("clinical service*" OR "therap* service*" OR NHS OR "social care" OR "social service*" OR school* OR education* OR nurser* OR "early year*" OR preschool* OR pre-school* OR college* OR universit*) OR MAINSUBJECT.EXACT("Schools") OR MAINSUBJECT.EXACT("Universities") OR MAINSUBJECT.EXACT("Nursery Schools") OR MAINSUBJECT.EXACT("Preschool Students")))) AND (TI,AB("meta analy*" OR metaanaly*) OR MAINSUBJECT.EXACT("Meta analysis") OR TI,AB(systematic NEAR/1 (review* OR overview*)) OR MAINSUBJECT.EXACT("Literature Review") OR AB(cochrane OR embase OR psychlit OR psyclit OR psychinfo OR psycinfo OR cinahl OR cinhal OR "science citation index" OR bids OR cancerlit) OR AB("reference list*" OR bibliograph* OR hand-search* OR "relevant journals" OR "manual search*") OR TI,AB(("selection criter*" OR "data extraction") AND review*) NOT ((Commentary OR letter OR editorial) OR (letter* OR comment* OR editorial*)))) AND (la.exact("ENG") AND pd(20100101-20221231))