Appendix 1: PubMed search strategy

Search terms

Set 1: Setting
School or schools

Set 2: Population
child* or adolescen* or youth or young people or teen* or student* or pupil* or teacher* or teaching staff or school personnel or school staff or parent*

Set 3A: Key Intervention/ School-level effect - key terms
ADJX = within X words of, in both directions. X determined by trial searches.

ethos
school* ADJ5 climate (exc MeSH climate/ or climate change/)
school* ADJ5 environment
school* ADJ5 culture
school* ADJ3 manag*
school* ADJ3 leader*
school* ADJ5 organization or organisation
school* ADJ5 aggregate*
school* ADJ5 governance
education* context*
inter(-)school variation
inter(-)school differen*
inter(-)school inequalit*
school differen* or differen* between school*
school ADJ2 level
school* ADJ3 varia*
school influence*
school* ADJ3 effect or school* ADJ3 effects
restor* justice

Specific intervention types
school* adj3 (breakfast* or lunch* or dinner* or meal*)
breakfast club*
vending
snack* machine* or soft drink* machine*

physical education and training/ MeSH
physical train*
games adj3 school*
sport* adj3 school*

active transport (not cell*)
active commuting to school
walking bus* or walking school bus*
school travel plan*
active commuting to school
walk* ADJ3 school*
cycl* ADJ3 school*

MeSH
Schools/organization and administration

**AND** Health promotion/

**Set 4: Outcome terms**

*General health/well being terms*

Health
Well(-)being or wellbeing
Infection
Disease *

*Specific areas*

Emotion *
Mental
Psychiatr *
Anxi *
Depress *

*Violence*

MeSH
Juvenile delinquency /
Violence/*prevention & control

Violen *
Delinquen *
Aggress *
Bully *
Bullies or bullied
Injur*
Accident
Victimi*

**Substance abuse**
MeSH
Alcohol Drinking/
Marijuana Smoking/
Smoking/
Substance-Related Disorders/*prevention & control

Substance* ADJ2 (use* or abuse* or misuse*)
Smok* or Tobacco or Cigarette*
Drug* ADJ2 (use* or abuse* or misuse*)
Illicit drug* or Illegal drug* or Street drug*
Cannabis or Marijuana
Alcohol
Binge

**Obesity issues**
Healthy(-)eating
Nutrition
Obesity
Diet
Over(-)weight
Body weight or bodyweight
Body mass or bodymass
Physical exercise
Physical* activi*
Physica train*

**Active Transport**
active transport (not cell*)
active commuting to school
walking bus*
school travel plan*
active commuting to school
walk* ADJ3 school*
cycl* ADJ3 school*

**Sexual behaviour**

*MeSH*
Acquired Immunodeficiency Syndrome/ epidemiology/*prevention & control
Condoms/utilization
HIV Infections/epidemiology/*prevention & control
Pregnancy in adolescence/
Sexual behavior/
Sexually Transmitted Diseases/epidemiology/*prevention & control
Pregnan*
Sexual
HIV
Chlamydia
Condom [use]
Contracepti*

**All excluding MeSh: exp: schools, medical/**

or medical school*

**NON-CORE TERMS**

**Set 3b: Intervention/ School-level effect – other non-key terms**

*General free-text*

multi(-)intervention
non-curric*
socio(-)ecological*
ecological or ecology
socio(-)environment
classroom management
value(-)added
engag* or disengag*
student-led
pupil-led
pastoral (not agric* or farm*)

school ADJ3 achievement*
school* ADJ3 attainment*
school* ADJ3 exam*
school* ADJ3 (test or tests or testing or tested)
school* ADJ3 qualif*
school* ADJ3 quality
school* ADJ3 inspect*
school* ADJX influence
school* ADJ5 (policy or policies)
school* ADJ3 rules
school* ADJ5 context*
school* ADJX opport*
school* ADJ3 practices
school* ADJ5 collective
school* ADJ3 communit*
school* ADJ5 structur*
school* ADJ3 relation*
school* ADJ5 communicat*
school* ADJ5 aggregate*
school* ADJ5 security
school* ADJ5 safe*
school* ADJX expectation*
between ADJ2 schools
school* adj2 exclusion*
school inclusion

education* ADJ3 achievement
education* ADJ3 attainment
education* ADJ3 examin*
education* ADJ3 (test* or tests or testing)
education* ADJ3 qualif*
education* ADJ3 quality
education* ADJ3 engag*
education* ADJ3 (policy or policies)
education* ADJ3 opportun*
education* ADJ3 practices
education* ADJ3 culture
education* ADJ3 manag*
education* ADJ3 leader*
education* ADJ3 communicat*
education* ADJ3 safe*
education* ADJ3 expecation*

teaching ADJ3 practices
teaching ADJ3 standard*
teaching ADJ3 style*
teaching ADJ3 method*
teaching ADJ3 differen*
teaching ADJ3 varia*

aggregate* adj1 (data or reports or information)

school* size
school restructur*
comprehensive school reform

vending
School meal*
**SET 5 Simple phrases - searched alone**

health(-)promoting school*

healthy(-)school or healthy schools

comprehensive school* health program*

co(-)ordinated school* health program*

**SET 6 Simple phrases combined with SET 4 outcome terms**

school(-)wide

whole(-)school

**Search summary**

Search One: Set 1 and Set 2 and Set 3a and Set 4 (setting/population and key intervention/effects and outcomes)

Search Two: Set 5 (HPS phrases)

Search Three: Set 6 and Set 4 (whole school phrases and outcomes)

Search Four: Set 1 and Set 2 and Set 3b and Set 4 (setting/population and key intervention/effects and outcomes)