Schools meeting criteria invited to participate (n=2)

Intervention school
Invited= 136 children
Recruited=123 children (Response rate 90%)

Control school
Invited= 176 children
Recruited= 152 children (Response rate 86%)

Baseline (0-weeks)
Self-report measures (8-12-year-olds) (Physical Activity Children’s Enjoyment Scale (PACES) [64], Pediatric Quality of Life Inventory 4.0 (PedsQL 4.0) [57], Lunchtime Enjoyment of Activity (LEAP) Questionnaire [56])
Completed= 34, Not completed= 0
Pedometer wear >4 days (5-12-year-olds)
Completed=119; Not completed=4
Reasons: Absent (n=3); Battery flat (n=1)
System of Observing Play and Leisure Activities in Youth (SOPLAY) [61] observations: 5 days (5-12-year-olds)
Targeted playground areas= 5; Playground area scans per lunchtime= 5
Completed playground area scans= 125

LEAP intervention (7-weeks)

Post-test (7-weeks after baseline)
Self-report measures completed from baseline sample (n=34)
Completed= 33; Not completed= 1
Reasons: Moved Interstate (n=1)
Pedometer Wear > 4 Days from baseline sample (n=119)
Completed=113; Not completed=6
Reasons: Absent (n=4); Battery flat (n=2)
SOPLAY observations: 5 days
Targeted playground areas= 5; Playground area scans per lunchtime= 5
Completed playground area scans= 125

LEAP Intervention continued (8-13 weeks after baseline)
Minimum of 2 movable/recycled materials introduced each week

Follow-up (8-months after baseline)
Self-report measures completed from post-test sample (n=33)
Completed= 32; Not completed= 1
Reasons: Moved interstate (n=1)
Pedometer Wear > 4 Days from post-test sample (n=113)
Completed=103; Not completed=10
Reasons: Absent (n=8); Wore upside down (n=2)
SOPLAY observations: 5 days
Targeted playground areas= 5; Playground area scans per lunchtime= 5
Completed playground area scans= 125

Regular school lunch break routines

Baseline (0-weeks)
Self-report measures (8-12-year-olds) (Physical Activity Children’s Enjoyment Scale (PACES) [64], Pediatric Quality of Life Inventory 4.0 (PedsQL 4.0) [57], Lunchtime Enjoyment of Activity (LEAP) Questionnaire [56])
Completed= 71; Not completed= 9
Reasons: Absent (n=9)
Pedometer wear > 4 days (5-12-year-olds)
Completed=146; Not completed=6
Reasons: Absent (n=3); Battery flat (n=3)
System of Observing Play and Leisure Activities in Youth (SOPLAY) [61] observations: 5 days (5-12-year-olds)
Targeted playground areas= 6; Playground area scans per lunchtime= 8
Completed playground area scans= 240

Post-test (7-weeks after baseline)
Self-report measures from baseline sample (n=71)
Completed= 61; Not completed= 10
Reasons: Left school (n=4); Interstate (n=2)
Pedometer wear > 4 days from baseline sample (n=146)
Completed=140; Not completed=6
Reasons: Left school (n=6)
SOPLAY observations: 5 days
Targeted playground areas= 6; Playground area scans per lunchtime= 8
Completed playground area scans= 240

Follow-up (8-months after baseline)
Self-report measures from post-test sample (n=61)
Completed= 61; Not completed= 0
Pedometer wear > 4 days from post-test sample (n=140)
Completed=126; Not completed=14
Reasons: Left school (n=4); Absent (n=10)
SOPLAY observations: 5 days
Targeted playground areas= 8; Playground area scans per lunchtime= 8
Completed playground area scans= 320

Regular school lunch break routines (continued)