Preparation of questionnaires using references, reference books and similar studies

Determine item clarity by 5 teachers and 10 fifth grade students other than the study group

Validation by 10 related professors

Confirmation of reliability in 20 fifth grade students other than the study group

Sample size (n = 179)

Measure pediculosis preventing behaviors using the HBM model

Random allocation (Selecting 2 schools with 87 students as intervention group)

Random allocation (Selecting 2 schools with 92 students as control group)

Provide educational intervention program and selecting peer educators (n=6)

Implementation of educational intervention

Complete post-test in intervention group

Complete post-test in control group

Coding of questionnaires and Intervention effect

Yellow color indicating section published in Health and Development journal.

Green color indicating section published in PLOS one
Red color is a partial duplicate section in both journals which we have already explained. Tools development and standardization has been explained in more details in PLOS one. Also we have provided the questionnaire as supporting information which has not been publish before.