

Pattama Songnun 2011: A Development of Public Mind Test for Prathomsuksa 4-6 Students under Pathumthani Primary Educational Service Area Office. Master of Education (Educational Research and Evaluation), Major Field: Educational Research and Evaluation, Department of Education. Thesis Advisor: Miss Warunee Lapanachokdee, Ph.D. 137 pages.

The purpose of this research was to develop the public mind test for Prathomsuksa 4-6 students under Pathumthani primary educational service area office. The four specific objectives were 1) to construct the public mind test; 2) to validate the public mind test; 3) to establish grade norms of the public mind test; and 4) to construct the manual of the public mind test Using multi-stage random sampling method, research sample for test validation and norms construction consisted of 418 Prathomsuksa 4-6 students who studied in schools under Pathumthani primary educational service area office in second semester, academic year 2010 The developed public mind test comprised of 40 items, aimed to assess 5 public mind compositions; sharing and helping others , attending public activity, patrolling public property, performing for public, and respecting others' right. Each composition consisted of eight situational questions with four different 0-3 score choices.

The research results showed that the developed public mind test was the soundness test that could be efficiently used to assess the public mind of Prathomsuksa 4-6 students under Pathumthani primary educational service area office. The significant findings were as follows: 1) The content validity of the public mind test, investigated by calculating the item objective congruence Index (IOC), were in the range of 0.60-1.00 2) The item discrimination index were in the range of 0.30-0.71 3) The construct validity of public mind test, investigated by confirmatory factor analysis, revealed that construct validity of the public mind test was achieved. Chi-Square (χ^2) with 724 df was 652.50 ($p = 0.97$); Standardized RMR was 0.07; RMSEA was 0.00; GFI was 0.93; and AGFI was 0.92 4) Cronbach's alpha reliability coefficient for sharing and helping others , attending public activity, patrolling public property, performing for public, and respecting others' right was 0.71 0.81 0.81 0.74 and 0.71 respectively, and for the whole test was 0.94 5) The local norms for the public mind test score interpretation presented in the form of normalized T-score for the whole test were in the range of T11-T76; and in the range of T11-T70 for sharing and helping others, in the range of T20-T64 for attending public activity, in the range of T19-T60 for patrolling public property, in the range of T23-T66 for performing for public, and in the range of T14-T70 for the respecting others' right. 6) The manual of the public mind test was suitable and convenient for usability, easy to understand, and fully important composition.

Student's signature

Thesis Advisor's signature