

Panuwat Tongjerm 2008: Environmental Education Program for Reduce Solid Waste at Anuban Kamphaeng Saen School. Master of Science (Environmental Science), Major Field: Environmental Science, College of Environment.

Thesis Advisor: Associate Professor Ittipol Rasrikreangkrai, M.Ed. 100 pages.

The purpose of research were to create an Environmental Education Program for Reduce Solid Waste at Anuban Kamphaeng Saen School and to study students' behavioral change 4 weeks after the program had been implemented at Anuban Kamphaeng Saen School, Kamphaeng Saen Municipality, Kamphaeng Saen District, Nakhon Pathom Province.

Multi-stages sampling applied in this research were 80 Grade 6 students who were randomly selected at Anuban Kamphaeng Saen School. Statistical methods use for data analysis were percentage, mean, standard deviation and t-test.

The quality of an Environmental Education Program for Reduce Solid Waste at Anuban Kamphaeng Saen School in terms of validity, reliability, discrimination, difficulty and objectivity, were acceptable. The Comparison of achievement test score shows that the posttest score is higher than the pretest score. ($84.87 > 61.71$) After 4 weeks the achievement test score is still higher ($85.48 > 84.87$) and comparing to the evaluation criteria of achievement test score set at 80 by the royally Initiated Laem Pak Bia Environmental Research and Development Project is still higher too. ($85.48 > 80.00$) The research finding also showed that the students' behavioral in solid waste reduction and management were propagated to the whole students in school. The solid waste about 478.5 kgs. was recycled within 4 weeks worths 3,632.50 bahts.

Student's signature

Thesis Advisor's signature

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