

Rungrawee Sirikittisup 2006: Effects of Experimental Activities on Scientific Skills in Observation and Classification of Preschool Children. Master of Home Economics, Major Field: Home Economics, Department of Home Economics. Thesis Advisor: Associate Professor Obcheuy Wongtong, M.S. 125 pages.
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The objectives of this study were to study effects of experimental activities on scientific skills in observation and classification of preschool children. The population of this study consisted of 19 preschool children ranging in age from 5 to 6 years old at Kaset Home Economics Kindergarten School, Department of Home Economic, Kasetsart University. They were selected by purposive sampling. The experimental group engaged in the experimentation. The experimental was carried out for 2 consecutive weeks. The instruments were 8 different experience teaching of science activities. Posttest with exactly the same experiment as the pretest to evaluate preschool children's achievement. The t-test analytical technique for scores of each group by computer program SPSS for windows.

The results showed that the posttest scientific skills mean scores of the preschool children both experimental group were no significant difference at the .01 level, The posttest Scientific Skills in Observation mean scores of the experimental group was significant difference at the .01 level. The posttest Scientific Skills in Classification mean scores of the experimental group was significant difference at the .01 level. The posttest Scientific Skills in Observation and Classification mean scores of the experimental group was significant difference at the .01 level

Rungrawee Sirikittisup
Student's signature

Obcheuy Wongtong
Thesis Advisor's signature

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