

Thitinun Teravecharoenchai 2011: The Effects of Play with Natural Materials to Develop Scientific Skills in Classification of Preschool Children. Master of Education (Early Childhood Education), Major Field: Early Childhood Education, Department of Education. Thesis Advisor: Associate Professor Pattamavadi Lehmongkol, Ph.D. 145 pages.

The objective of this research was to study the effects of play with natural materials on the development of scientific skills in classification of preschool children.

The population used in this research was 26 preschool children in the kindergarten level 1. The study was conducted at Watbangrahong (Piromsiri) School in the first semester of the academic year 2010. The research instruments were 20 plans of play activities with natural materials to develop scientific skills in classification , recorde form of play behaviors with natural materials , and a test of scientific skills in classification for preschool children. Data was analyzed by mean , standard deviation , and content analysis.

The results indicated that preschool children who engaged in the play with natural materials had higher mean scores than those who did not.

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Student's signature

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Thesis Advisor's signature