

Warawitchanee Wannoo 2008: The Use of Knowledge Enhancement Package on Basic Mathematical Skills for Parents on the Ability in Classification of Preschool Children. Master of Education (Early Childhood), Major Field: Early Childhood Education, Department of Education. Thesis Advisor: Associate Professor Pattamavadi Lehmongkol, Ph.D. 172 pages.

The purposes of this research were: 1) to construct of knowledge enhancement package on basic mathematical skills for parents on the ability in classification of preschool children, 2) to compare scores of knowledge on basic mathematical skills in classification of parents before and after using knowledge enhancement package on basic mathematical skills, 3) to compare scores of ability in classification of preschool children before and after using knowledge enhancement package on basic mathematical skills, 4) to study satisfaction of subjects's parents toward the use of knowledge enhancement package on basic mathematical skills.

Subjects used in this research were 24 male and female preschool children ranging in age from 5-6 years old from Pathiu kindergarten school, Bangsonpipitardbumrung, Chumphon Province. Twenty-four preschool children's parents also used as the subjects. Subjects were randomly selected by using cluster sampling technique. The instruments were knowledge enhancement package on basic mathematical skills for parents and test of basic mathematical skills in classification of preschool children, and test of basic mathematical skills in classification of preschool children for parents. Mean, standard deviation, and t-test were used to analyze the obtained data. Results revealed that: 1) the construction of knowledge enhancement package on basic mathematical skills for parents on the ability in classification of preschool children was suitable at the high level, 2) parents who engaged in knowledge enhancement package on basic mathematical skills in classification had posttest scores higher than pretest scores on basic mathematical skills at.05 level of significance, 3) preschool children whose their parents engaged in knowledge enhancement package on basic mathematical skills in classification had higher posttest scores on classification ability than pretest scores at.05 level of significance, 4) preschool children's parents had top three satisfactions toward the use of knowledge enhancement package on basic mathematical skills in Thai fruit , new seed, zoo and beautiful flower.

Warawitchanee Wannoo

Student's signature

P. Lehmongkol

Thesis Advisor's signature

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