

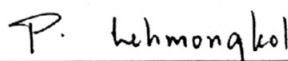
Kanyarat Muangprafang 2006; Effects of Using Cooperative Learning on Basic Mathematical Skills of Preschool Children. Master of Home Economics, Major Field: Home Economics, Department of Home Economics. Thesis Advisor: Assistant Professor Pattamavadi Lehmongkol, Ph.D. 141 pages. ISBN 974-16-2593-6

The purposes of this research were 1] to study the development of mathematical skills in cooperative learning for preschool children, 2] to compare the difference of mathematical scores of preschool children between the experimental group and the control group. The subjects consisted of 60 preschool children ranging in age from 4 ½ to 5 ½ years from Kaset Home Economics Kindergarten School, Department of Home Economics, Faculty of Agriculture, Kasetsart University. Subjects were randomly selected by using simple random sampling technique and were divided into the experimental group and the control group. The instruments were The Cooperative Learning Plans on Mathematical Skills in Shaping and The Preschool Mathematical Skills Development Test. Mean, standard deviation, and t – test were used to analyze the obtain data.

Results revealed that 1] Pretest scores of the experimental group and the control group had no significant difference at the .05 level, 2] Posttest scores of the experimental group were different than those of the control group at .05 level of significance, 3] Posttest scores of the experimental group had significant difference at the .05 level, 4] Posttest scores of the control group had significant difference at the .05 level.



Student's signature



Thesis Advisor's signature

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