

Sudarat Premchun 2008: Effects of Cooking Activity Provision Based on Constructivist Concept on Basic 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. 114 pages.

The purposes of this research were: 1) to study effects of cooking activity provision based on constructivist concept on basic scientific skills in classification of preschool children, 2) to study the difference of basic scientific skills in classification of preschool children between the experimental group and the control group.

Subjects used in this research were preschool children ranging in age from 4 ½ - 5 ½ years old. The subjects consisted of 60 preschool children. They were kindergarten level 3 class in second semester year of 2007 from Kaset Home Economics Kindergarten School, Department of Home Economics, Faculty of Agriculture, Kasetsart University. Subjects were randomly selected by using cluster sampling technique and were assigned into two groups: the experimental group and the control group. The instruments were 18 Plans of Cooking Activity Provision Based on Constructivist on Basic Scientific Skills in Classification and Test of Basic Scientific Skills in Classification of Preschool Children. Mean, standard deviation, and t-test were used to analyze the obtain data.

Results revealed that: 1) Posttest scores were higher than pretest scores of the experimental group at .05 level of significance, 2) Posttest scores of the experimental group were higher than those of the control group at .05 level of significance.

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