

Danaya Arbwaree 2012: The Effects of Thai Dessert Cooking Activity Provision on the Knowledge of Three-dimensional Geometric Shapes 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. 137 pages.

The purpose of this research was to study knowledge of three-dimensional geometric shapes of preschool children before and after using Thai dessert cooking activity.

Subjects used in this research were 23 male and female preschool children ranging ages from 4-5 years old and studied in kindergarten level 1 in the second semester year of 2011 at Wat Phachi Soontorn Upatham School, Pranakorn Sri Ayutthaya province and Ayutthaya Primary Education Service Area Office 1 under the Office of the Basic Education Commission. They experienced Thai dessert cooking activity for 6 consecutive weeks, 3 days a week, and 60 minutes a day. The research instruments were Thai dessert cooking 18 activity plans for preschool children and the performance tests. The obtained data were analyzed by mean and standard deviation.

The results of this research showed that preschool children who participated in Thai dessert cooking activity had higher posttest scores in knowledge of three-dimensional geometric shapes than pretest scores.

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Thesis Advisor's signature