

Thesis Title	A Study on the Development of Pre-primary School Pupils' Analytical Thinking Competence in Basic Mathematics through the Activity Package
Author	Prajak Anekritmongkol
Thesis Advisor	Asst. Prof. Dr. Anchali Thongame)
Department	Curriculum and Instruction
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Abstract

This research is an experimental study. The aims are: (1) to study the development of basic analytical thinking skills of the pre-school pupils through the use of a set of activity package, (2) to study the learning achievement of the pupils, (3) to study the effectiveness of the activity package in developing the pupils' analytical thinking in basic mathematics. Data were collected from 15 pupils aged between 5-6 years old. They were the pupils at the Kindergarten-3 level, Sethavit School, Prachuabkirikhan Province. The experiment was conducted during the second semester of the academic year 2016.

The research instruments were:

- (1) the learning plans.
- (2) the activity package for the development of the learners' basic analytical skills in mathematics.
- (3) the post-test. The data were analyzed using basic descriptive statistics: percentage and mean.

The results were as follows:

1) For the development of pre-primary school pupils 'analytical thinking competence in basic mathematics through the use of 5 sets of the activity package, it was found that 12 students (80%) scored higher than the minimum 80% criterion; 3 of them (20%) scored lower than the set standard.

2) With regard to the pupils' learning achievement in basic mathematics analytical thinking skills, it was found that 15 of them (100%) scored above the 80 percent standard.

3) The activity package was found to be effective based on the criteria set at 80/80, which was found to be at 83.20/100.

Keywords: Activity package, analytical thinking, basic mathematics, pre-school education