

The purpose of this study was to compare the achievement and interest in mathematics of Prathom Suksa II students by using the mathematics teaching method with the procedure of constructing conceptual thinking and the traditional teaching method.

The subjects were Prathom Suksa II students at Chainat Kindergarten, Amphoe Muang Chainat, Changwat Chainat during the third of the 1990 academic year. Two classes were simply randomized from 5 classes and randomized into the experimental group and control group with 35 students in each. The experimental group was taught through the mathematics teaching method with the procedure of constructing conceptual thinking and the control group was taught through the traditional teaching method. Both groups were taught by the researcher for 51 periods, each period was 20 minutes. The research design of the experiment was the Randomized Control Group Pretest-Posttest Design. The data were statistically analyzed by using the t-test difference scores.

The results of the study indicated that: the achievement and interest in mathematics between the experimental and the control groups were significantly different at the .01 level.