

Name : Mr.Somsak Kuhaswonvetch  
Thesis Title : A Comparative Study of Learning Achievement in the Combination of Main-supplementary Figures Videotape Program and the Main Figures Continuous Taking Videotape Program.  
Concentration : Technical Educational Technology  
Thesis Advisors : Assoc.Prof.Dr.Sowwanee Sikkhabandit, Prof.Dr. Ratana Siriphanich  
Academic year : 1993

#### Abstract

The purpose of this research was to study learning achievement from the combination of main-supplementary figures videotape program and the main-figures continuous taking videotape program. The sample groups were 80 second semester of the 1992 academic year at Matayom suksa 3 of Bangkruay school in Nonthaburi province. Systematic sampling assigned into 2 experimental groups, each group comprised of 40 students.

The research instruments were as follows : a combination of main-supplementary figures videotape program and a main figures continuous taking videotape program developed by the researcher. The pre-test was administered 1 week before given videotape programs. Right after finishing each videotape program, they were given post-test. The learning achievement scores from the pre-test and post-test were then analyzed to obtain the arithmetic mean, standard deviation and validated by means of Z-test.

The finding revealed that students' learning achievement from the main figures continuous taking videotape program was higher than those with the combination of main-supplementary figures videotape program at the statistical 0.05 level.