

Prapasinee Niramonpisarn 2014: Development of Video Program with Cartoon Animation Technique on Using of Basic Computer for Prathomsuksa 4 Students. Master of Education (Educational Communications and Technology), Major Field: Educational Communications and Technology, Department of Educational Technology. Thesis Advisor: Mr. Nattaphon Rampai, Ed.D. 177 pages.

This research aims to : 1) develop video program with cartoon animation technique on using of basic computer for Prathomsuksa 4 students based on quality and the 80/80 efficiency criteria, 2) study the student's learning achievement score that learn by video program with cartoon animation technique on using of basic computer, and 3) study the student's satisfaction towards the video program with cartoon animation technique on using of basic computer.

The research sample were 40 students from Prathomsuksa 4 students at Anubandoembangnangbuat(watthachang) school in the second semester of 2013 academic year that collected by cluster random sampling. Research tools were video program with cartoon animation technique on using of basic computer, the quality evaluation form, the learning achievement test, and the students'satisfaction questionnaire. The data were analyzed by percentage, arithmetic mean, standard deviation and t-test.

The research finding revealed that 1) video program with cartoon animation technique on using of basic computer for Prathomsuksa 4 students was at good level ( $\bar{x} = 4.37$ ) and efficiency at 86.90/86.90 that based on criteria, 2) the student's learning achievement score were higher than pretest score at .05 level of significant, and 3) the student's satisfaction toward the video program was at high level ( $\bar{x} = 4.37$ ).

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Student's signature

Thesis Advisor's signature

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