Sirikant Chaiyasit 2010: The Comparison of Learning Achievement from Web-based Instruction that Conceptrual Thinking and Unusing Conceptual Thinking to Answer on Matthematics Courses about Conic-section. Master of Education (Educational Technology), Major Field: Educational Technology, Department of Educational Technology. Thesis Advisor: Mr. Paitoon Srifa, Ed.D. 131 pages.

The objectives of this research were: 1) Development and Web-based Instruction that conceptual thinking and unusing conceptual thinking to answer on mathematics courses about conic-section effective. 2) Comparison educational achievement of learning Web-based Instruction that conceptual thinking and unusing conceptual thinking to answer on mathematics courses about conic-section. 3) For study the students' satisfaction toward the Web-based Instruction that using conceptual thinking and unusing conceptual thinking.

The sample group was students from Matthayomdankhuntod school district: Dankhuntod province: Nakhonratchasima quantity 84 people and they are all student in Mathayomsuksa 4. They were selected by cluster random sampling. Research tools were Web-based Instruction on conic-section achievement test and questionnaire on the students' opinions to ward the Web-based Instruction. Data were analyzed by percentage, mean, standard deviation, and analyzed for search t value by use statistic independent t-test statistic.

The results were as follows 1) The efficiency of Web-based Instruction that conceptual thinking and unusing conceptual thinking on was 99.15/89.35 and 95.50/83.67. 2) The posttest scores after learning through Web-based Instruction on that conceptual thinking and unusing conceptual thinking to answer on mathematics courses about conic-section were significantly higher than pretest scores at .05 level. The study consult of students who were learned achievement from Web-based Instruction that conceptual thinking that have successful more than students who learned achievement from Web-based Instruction that unusing conceptual thinking. 3) The students' satisfaction toward Web-based Instruction that conceptual thinking was most level and unusing conceptual thinking was much level.

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