

Panumas Naksatmonthon 2013: Triangle in Mathematics Learning Objects Development on Tablet for Prathomsuksa 5 Students. Master of Education (Educational Communications and Technology), Major Field: Educational Communications and Technology, Department of Educational Technology. Thesis Advisor: Associate Professor Jongkol Kanperm, MS.tech.Ed. 148 pages.

The objectives of this research were 1) to develop learning objects for math class on Triangle via Tablet for Prathomsuksa 5 students at the quality has 90/90 standard criteria, 2) to compare pre-test and achievement scores after studied by learning objects on Triangle using Tablet, 3) to study the students satisfaction on the developed learning objects on Triangle using Tablet, and 4) to study Effectiveness Index of learning objects

The target group in this study consisted of 27 Prathomsuksa 5 students at Yamsaard Rangsit School. The study was done in 2012 academic year and study by Tablet. The research tools utilized in this study were Triangle learning objects on Tablet, quality evaluation form, pretest and achievement test, and the questionnaire. Data were analyzed by percentage, mean, standard deviation, Wilcoxon Signed-Ranks Test, and Effectiveness Index.

The research result show that: 1) the efficiency of learning objects on Triangle was evaluated by content experts and technical experts as “very good” quality and The 90/90 standard criteria, 2) the students achievement scores after studying through learning objects on Triangle via Tablet were statistically significantly higher than the students pre-test scores at .05, 3) the students most satisfied on developed learning objects, and 4) Effectiveness Index of learning objects on Triangle via Tablet were 0.65 or 65 percent.

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Student's signature

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Thesis Advisor's signature