

Sahaporn Kwanvicha 2014: Development of Augmented Reality English Vocabulary Picture Books on Animals via Tablet for Prathomsuksa 1 Students. Master of Education (Educational Communications and Technology), Major Field: Educational Communications and Technology, Department of Educational Technology. Thesis Advisor: Associate Professor Narong Sompong, Ph.D. 113 pages.

The objectives of this research were: 1) to develop of augmented reality English Vocabulary picture books on Animals via Tablet for Prathomsuksa 1 Students at the quality and efficiency 80/80 quality standard criteria, 2) to compare pre-test and achievement scores after studied by augmented reality picture books English vocabulary on Animals via Tablet, 3) to study the students satisfaction on the development of augmented reality English vocabulary picture books on Animals via Tablet.

The research samples in this study consisted of 33 Prathomsuksa 1 students at Yamsaard Rangsit School. The study was done in 2013 academic year and the student s study by Tablet. The research tools utilized in this study were augmented reality English vocabulary picture books on Animals via Tablet, quality evaluation form, pretest and achievement test, and the questionnaire. Data were analyzed by percentage, mean, standard deviation, and t-test.

The research result showed that: 1) a quality of augmented reality English vocabulary picture books on Animals via Tablet was evaluated by content experts as “very good” and technical experts as “good” level. The efficiency was 81.17/82.33 criteria, 2) The students achievement scores after studying through augmented reality picture books English vocabulary on Animals via Tablet was statistically significantly higher than the students pre-test scores at .05, and 3) The students satisfied on developed augmented reality English vocabulary picture books at “very good” level.

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Student's signature

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Thesis Advisor's signature