

Kanseer Woraard 2014: Development of Augmented Reality Supplementary Book on Singapore via iPad for Mathayomsuksa 1 Students. Master of Education (Educational Communications and Technology), Major Field: Educational Communications and Technology, Department of Educational Technology. Thesis Advisor: Mr.Paitoon Srifra, Ed.D. 144 pages.

The objectives of this research 1) to develop Augmented Reality Supplementary Book on Singapore via iPad for Mathayomsuksa 1 Students at the quality has 90/90 standard criteria, 2) to compare pre-test and achievement scores after studied by Augmented Reality Supplementary Book on Singapore via iPad, and 3) to study the students satisfaction on the developed Augmented Reality Supplementary Book on Singapore via iPad.

The sample in this study consisted of 36 Mathayomsuksa 1 Students at Samsenwittayalai School. The study was done in 2013 academic year and study by iPad. The research tools utilized in this study were Augmented Reality Supplementary Book on Singapore via iPad, quality evaluation form, pretest and achievement test, and the questionnaire. Data were analyzed by percentage, mean, standard deviation, and t – test.

The research result show that: 1) the efficiency of Augmented Reality Supplementary Book on Singapore via iPad was evaluated as “good” quality by content experts as “good” quality and technical experts as “very good” quality and had the efficiency at 92.14/91.42, 2) the students achievement scores after studying through Augmented Reality Supplementary Book on Singapore via iPad were statistically significantly higher than the students pre-test scores at .05, and 3) the students most satisfied on developed Augmented Reality Supplementary Book on Singapore via iPad.

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Student’s signature

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Thesis Advisor’s signature