

Apinat Sattayachanyawong 2014: Development of Application on Tablet Android Operating System on The ASEAN Community for Prathomsuksa 2 Students. Master of Education (Educational Communications and Technology), Major Field: Educational Communications and Technology, Department of Educational Technology. Thesis Advisor: Mr. Paitoon Srifa, Ed.D. 235 pages.

The objectives of this research were 1) to develop an application on tablet android operating system on the ASEAN Community for Prathomsuksa 2 Students with good quality has 80/80 standard criteria 2) to compare pretest score and posttest score after learn an application on tablet 3) to study the effectiveness index of the students had studied an application on tablet; 4) to study satisfaction of the students towards an application on tablet android operating system.

The samples in this research are 43 students drawn by using simple random sampling technique from Prathomsuksa 2 students at Mongkolkulwithhaya school, on the first semester in the 2013 academic year, that obtained by method by mean of sampling 1 class from the total 5 classes. The tool which used in this research are 1) an application on tablet android operating system on the ASEAN Community 2) the quality evaluation of application on tablet 3) the achieve tests of the students who had studied with application; 4) the questionnaire of the satisfaction towards the an application. The statistics that used for analysis the data are percentage, average, standard deviation and t-test.

The research result revealed that 1) an application on tablet android operating system on the ASEAN Community has very good average quality and the efficiency was at 87.29/87.10 2) the posttest achievement scores were significantly higher than the pretest at the level of .05 3) the effectiveness index was at 0.76; 4) the students have the most satisfied to an application on tablet android operating system.

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Student's signature

Thesis Advisor's signature