



**TITLE** The Development of Multimedia on the Topic of My Activities  
in Learning Area of Foreign Language for Mathayomsuksa 1

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### ABSTRACT

The purposes of this research were to 1) develop Multimedia on the topic of My Activities in Learning Area of Science for Foreign for Mathayomsuksa 1 to evaluate the quality. 2) develop multimedia base on the value of the efficiency (80/80. 3) to compare the achievement through the multimedia before and after the learning. 4) to study index of effectiveness for the multimedia. 5) to study the satisfaction of the experimental group after learning through of the develop multimedia. and 6) to study the learning retention of the learners who learned with the multimedia. The research samples were 40 Mathayomsuksa 1 students at Nakraipittayasan School. The research instruments were the multimedia, an achievement test, an evaluation form of the multimedia and assessment form of the satisfaction with the learning. The research statistics used for analyzing data were mean, standard deviation percentage and t-test (Dependent sample). The results of the research demonstrated that 1) The efficiency of multimedia was 89.06/85.13 higher than the standard was fixed. 2) The experts' opinion on the quality of Multimedia at the highest level ( $\bar{X} = 4.55$ , S.D. = 0.55) 3) The learning achievement after using the Multimedia was significantly higher than before learning at .05 level. 4) The effectiveness index of the students was 0.7267. 5) The students showed their satisfaction was at the highest level ( $\bar{X} = 4.56$ , S.D. = 0.54) and 6. The retention of learning of students, achievement reached the standard.