

TITLE: Interactive Multimedia Development for Second Year Kindergarten Students
by Using the Multipoint Technology

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ABSTRACT

The objectives of the research were to 1) develop interactive multimedia for second year kindergarten students, 2) assess efficiency of the interactive multimedia, 3) compare the pre-test and post-test scores of the students, and 4) survey the satisfaction of the students with the interactive multimedia. The sample subjects were thirty second year kindergarten students at Yod Kaeng Songkhro Community School in 2/2010 under the office of Kalasin Primary Education Area 3. The research instruments were interactive multimedia, an evaluation form, an achievement test, and a questionnaire. The statistics used were percentage, mean, standard deviation and t-test (Dependent).

The research findings showed that the average level of the quality of the interactive multimedia was high ($X = 4.42$, $S.D. = .48$). The average value of the interactive multimedia efficiency regarding the standardized criteria was 95.08/95.11. The average post-test score of the students was significantly higher than that of pre-test score at the .05 level. The average level of the satisfaction of the students with the interactive multimedia instruction was high ($X = 2.92$, $S.D = .26$).