

Wiranya Rattano 2009: Learning Achievement and Retention Using the Cooperative Learning Approach Electronic Book on Royal Terminology for Prathomsuksa 5 Students. Master of Education (Educational Technology), Major Field: Educational Technology, Department of Educational Technology.
Thesis Advisor: Assistant Professor Sasichaai Tanamai, Ph.D. 190 pages.

The purposes of this research were 1) to develop the Electronic Book on Royal Terminology for Prathomsuksa 5 students at 80/80 criterion, 2) to compare the pretest score with achievement score after using the Cooperative Learning Approach Electronic Book on Royal Terminology for Prathomsuksa 5 students; and 3) to compare the retention score with learning achievement score after using Cooperative Learning Approach Electronic Book on Royal Terminology for Prathomsuksa 5 students.

Sample was 32 Prathomsuksa 5 students of Bansangmek school Amphur Benjalak Si Sa Ket province in the second semester of 2008 academic year. The instruments used were Electronic Book on Royal Terminology and learning achievement test. Data were analyzed by percentage, mean, standard deviation and t-test.

The results indicated that 1) the learning achievement scores of Prathomsuksa 5 students after using the Cooperative Learning Approach Electronic Book on Royal Terminology was at 86.30 percents and the percentage of student who did the correct answers of each item was higher than 80 percents that mean the Electronic Book had the efficiency according to the criterion, 2) the learning achievement score was significantly higher than the pretest score at .05 level; and 3) the retention score and the learning achievement score were significantly different at .05 level.

Student's signature

Thesis Advisor's signature