

Lunnaluck Sujira 2009: Comparison of Learning Achievement and Retention of Prathomsuksa 6 Students Using Electronic Book on Blood Circulation System. Master of Education (Educational Technology), Major Field: Educational Technology, Department of Educational Technology. Thesis Advisor: Assistant Professor Sasichai Tanamai, Ph.D. 118 pages.

The objectives of this research were : 1) to construct the quality of electronic book on blood circulation system evaluated by the specialists ; 2) to compare learning achievement scores with pretest scores of Prathomsuksa 6 students using electronic book on blood circulation system ; and 3) to study retention of Prathomsuksa 6 students using electronic book on blood circulation system.

The sample was 46 students of Prathomsuksa 6 from Wat Iyikaram School. They were selected by cluster sampling. Research tools were electronic book on blood circulation system, electronic book quality evaluation and learning achievement test. Data were analyzed by mean, standard deviation, t-test and One-way ANOVA.

Results showed that : 1) the quality of electronic book on blood circulation system was at very good level evaluated by the specialists, 2) learning achievement scores of Prathomsuksa 6 students using electronic book on blood circulation system were significantly higher than pretest scores at .05 level; and 3) Prathomsuksa 6 students using electronic book on blood circulation system had retention.

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Thesis Advisor's signature