

Benjamaporn Mektrong 2012: Development of Computer Multimedia on Irregular Spelling Words for Learning Disabilities at Kasetsart University Laboratory School. Master of Education (Educational Technology), Major Field: Educational Technology, Department of Educational Technology. Thesis Advisor: Associate Professor Narong Sompong, Ph.D. 120 pages.

The objective of the research: 1) to develop of Computer Multimedia on Irregular Spelling Words in Thai for learning disabilities in Grade 2, 2) to compare the score before and after using the computer on the Multi Media Lesson about Irregular Spelling Words in Thai Language for Learning Disabilities in Grade 2, 3) to study the satisfaction of the Learning disabilities toward the Computer Multi Media lesson in Thai subject on Irregular Spelling Words.

The sample students for this research were 20 of the Grade 2 Students who had the learning disabilities from Kasetsart University Laboratory School. The tools that used in this research were the Computer Multi Media Lesson in Thai Subject about Irregular Spelling Words, post-test and satisfaction survey forms. The data was Analyzed by using the average, standard deviation and z-test.

The result of the research showed that the Computer Multi Media Lesson in Thai Subject on Irregular Spelling Words for the learning disabilities in Grade 2 had efficiency at 86.50% the post-test score average of the students, the percentage of the students who answered the post-test correctly to each item was 87.50%. The student's post-test score was higher than pre-test score by statistical significantly at 0.05. The learning disabilities in Grade 2 satisfaction toward the Computer Multi Media Lesson in Thai Subject about Irregular Spelling Words that the researcher had developed was at the excellent level.

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Student's signature

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Thesis Advisor's signature