

Chanikan Wungwisegsul 2006: Study of Spelling Capacity of Students with Learning Disabilities Using Computer Assisted Instructional Materials: A Case Study of the Third Grade Students at Kasetsart University Laboratory School, Center for Educational Research and Development. Master of Education (Curriculum and Instruction), Major Field: Curriculum and Instruction, Department of Education. Thesis Advisor: Assistant Professor Mantmart Leesatayakun, Ph.D. 169 pages.

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The purposes of this research were 1) to develop computer assisted instructional materials in Thai language for the third grade students with learning disabilities 2) to study of spelling capacity of the third grade students with learning disabilities after using computer assisted instructional materials. 3) to study the students' opinions towards Thai language after using computer assisted instructional materials.

Two third grade students with learning disabilities at Kasetsart University Laboratory School, Center for Educational Research and Development were used in this case study. The students were tested before and after the computer assisted instructional materials were applied to them. The questionnaire was also used to examine students' opinions towards Thai language learning. Both quantitative and qualitative data were collected and analyzed.

The findings revealed that the quality of the computer assisted instructional materials was good. The posttest scores on spelling capacity of two third grade students were higher than the pretest scores. Students' concentration and attention span were longer. They were more cooperative and did not show sign of inattention during the study periods. They did not leave their seats during the lessons. They had positive opinions towards Thai language learning.

Chanikan W.

Student's signature

Mantmart Leesatayakun 25/ May / 2006

Thesis Advisor's signature