

Tubtimthong Korbuakaew 2012: The Development of Multimedia to Enhance Social Skill Based on Constructivist for Impaired Hearing Students. Doctor of Education (Educational Technology), Major Field: Educational Technology, Department of Educational Technology. Thesis Advisor: Associate Professor Saroch Sopeerak, Ed.D. 273 pages.

The purposes of this research were: 1) to develop model of learning with multimedia to enhance social skills base on the concept constructivist for hearing impaired students. 2) to develop multimedia to enhance social skills base on the concept constructivist for hearing impaired students. 3) to compare the social skills of hearing impaired students between before and after learning with multimedia. 4) to study the satisfaction of hearing impaired students toward the media to promote social skill base on the constructivist concept.

There are 2 groups of sample in this study. The first groups were 7 experts who have knowledge, experience in constructivist learning concept, educational technology and special education. They were selected by purposive sampling. The second group were hearing impaired mathyomsuksa 1 students, first semester of 2011 at Rajavinit Mathayom school. The subjects for the experiment phase were 10 hearing impaired students who were selected by purposive sampling. Statistic for data analysis were mean, standard deviation and Wilcoxon matched-pairs signed ranks test.

Results of the research were shown as follows : 1) the model of learning with multimedia to enhance social skills base on the constructivist for hearing impaired students consists of six main components: 1. Designing 2. Development 3. Implementation 4. Reflection 5. Assessment, and 6. Evaluation . The model has been approve the fitness from the experts. 2) the efficiency of multimedia to enhance social skill base on the constructivist for hearing impaired students model approach was 82.83/80.17 which follow the criteria. 3) it was found that posttest of social skill was higher than the pretest of social skill at .01 level of significance, and 4) the student's satisfaction toward the constructed Multimedia instruction was at "high" level.

9 / 03 / 2012

Student's signature

Thesis Advisor's signature