

Rat Boonkor 2011: The Development of a Computer-Assisted Instruction Lesson on “Sajor-Caju Culture”. Master of Education (Vocational Education Development), Major Field: Vocational Education Development, Department of Vocational Education. Thesis Advisor: Mr. Sompop Suwannarat, Ph.D. 222 pages.

The research aimed to 1) Develop computer-assisted instructional lessons relating to the topic “Sajor-Caju Culture” of career and technology learning substance group for Mathayomsuksa 1 students with the efficiency according to the criteria of 80/80, 2) compare their learning achievement as it related to “Sajor-Caju Culture” of career and technology learning substance group as taught by computer-assisted instructional lessons and traditional method. The 90 samples, obtained by simple random sampling, divided into 2 groups, each group consisted of 45 students: the experiment group taught by computer-assisted instructional lessons and control group taught by traditional method were Mathayomsuksa 1 students of Wangchanwittaya School, Wangchan District, Rayong Province during the 2010 academic year. The research instrument were consisted of computer-assisted instructional lessons, traditional lessons, a learning achievement test. The data were analyzed by mean, standard deviation and t-test

The findings were as follows:

1. the computer-assisted instructional lessons made had efficiency of 82.94 / 84.18
2. the learning achievement of the students taught by computer-assisted instructional lessons differed from those taught by traditional method significantly at a level of .05

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