

Somboon Cheng 2010: Learning Achievement of Using Elementary Keyboarding Instructional Package. Doctor of Philosophy (Vocational Education), Major Field: Vocational Education, Department of Vocational Education. Thesis Advisor: Associate Professor Pheeraphong Thipnak, Ph.D. 312 pages.

The purpose of this study was to study the Learning Achievement of Using Elementary Keyboarding Instructional Package. The target population consisted of 80 grade 4 students in Anuban Ratchaburi School, Ratchaburi province and computer elementary teachers in Ratchaburi province. The research instruments were 1) Keyboarding instructional package 2) Time writing straight copy 3) Correct technique observe sheet 4) The questionnaire for experimental group 5) The question items for interview and focus group. 6) The questionnaire for teacher. The statistical analysis were mean, standard deviation, percentage, t-test and Analysis of covariance (ANCOVA).

The results were 1) 100.0% of sample teacher don't know teaching methodology in keyboarding subject, but 48.72% of elementary school in Ratchaburi has keyboarding class. 2) The skill achievement of experimental group higher than control group in every test, typing speed significant = .01, accuracy rate significant = .01 and correct technique significant = .01. 3) The retention of skill have no different in speed and accuracy but different in correct technique as significant = .05 by the post-test higher than retention test. 4) The experiment group were much satisfied in learning by instructional package ($\bar{X}=4.247$ S.D.= .367) and the co-experimental teacher was much satisfied too. 5) The Ratchaburi elementary computer teachers were much satisfied in this instructional package. ($\bar{X}=4.423$ S.D.=.431).

Student's signature

Thesis Advisor's signature

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