

Thesis Title	The Development of Computer Lesson Information Technology, Matayom 4, Standard Curriculum B.E.2008.
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Abstract

The purposes of this research were to development of computer lesson information technology, Matayom 4, Standard Curriculum B.E.2008. and to find out the efficiency of the package, learning effectiveness, and learners' satisfaction towards the package. The research tools were as follows: 1) the development of computer lesson information technology, Matayom 4, 2) the achievement tests, 3) evaluation form on multimedia software and 4) the questionnaire on learners' satisfaction. The research sampling group were composed of 45 Matayom 4 students from Matthayom Wat Nongkhaem School, Bangkok. The results revealed that the efficiency of the computer instruction package was at 80.48/83.37 . The analysis of pre-test and post-test scores for the learning effectiveness revealed that the efficiency before the process (E_{pre}) was at 12.70, it was lower than the efficiency after the process (E_{post}) which was at 83.37 .Therefore, the computer instruction package could increase the learning effectiveness to 70.67 and the sampling group's satisfaction was at a rather high level ($\bar{X} = 3.96$). It could be concluded that the computer instruction package on the information technology of Matayom 4 was good enough to use in classroom instruction as well as to use for individual self-study packages.

Keywords: Computer Instruction Package / Self-study packagers / Efficiency / Effectiveness / Satisfaction