

Surat Onlamool 2006: An Efficiency of Computer-assisted Instruction for Mathayomsuksa 3 Students on Making Coconut Fiber Broom. Master of Education (Educational Technology), Major Field: Educational Technology. Department of Educational Technology. Thesis Advisor: Associate Professor Surachai Prasertsaruay, M.Ed. 127 pages.
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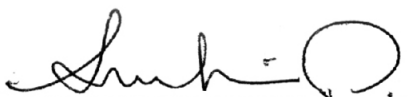
The purposes of this research were 1) to construct computer-assisted instruction on making coconut fiber broom for Mathayomsuksa 3 students; 2) to compare the score before learning with the learning achievement, and 3) to study the satisfaction of the students with the computer-assisted instruction on making coconut fiber broom.

The sample group was 30 students of Mathayomsuksa 3. They were selected by sample random sampling choosing 1 class consisting of 30 students from 3 classes to learn the computer-assisted instruction. The data were analyzed by using percentage, mean score, standard deviation and t-test.

The results of the research were as follows: 1) the computer-assisted instruction on making coconut fiber broom for Mathayomsuksa 3 students had efficiency at 89.55/81.11 that was higher than the 80/80 criteria; 2) the learning achievement was significantly higher than the pretest at .05 with the higher achievement of the sample group, and 3) the sample groups had satisfaction with studying the computer-assisted instruction at the highest level.



Student's signature



Thesis Advisor's signature

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