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| Thesis Title | The Development of Computer Assisted Instruction Courseware on Ecosystem for MS.1 Students |
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ABSTRACT

The purpose of this research was to construct and examine the effectiveness of the Computer Assisted Instruction (CAI) courseware on Ecosystem for MS.1 students. This was done through, firstly constructing a CAI courseware on Ecosystem based on the content in the sixth unit (Ecosystem) of the science study book which had been designed for MS.1 students. Nine units of the CAI courseware were constructed and used as a research tool. Secondly, evaluating the effectiveness of the constructed CAI courseware by try-out with 20 samples to compare the scores before and after they had studied the CAI courseware (The reliability of the knowledge test was .78). And evaluating the the CAI courseware's quality by the teachers and the students.

The result of this research showed that these students gained their knowledge after they had studied all units of CAI courseware with a statistical significance at the level of .01 both

total and unitwise . The study time used by the samples was around 2 - 3 hours (depending on the ability of each sample). The opinions of the teachers and the students toward the CAI courseware clearly showed a satisfactory result at both levels namely excellent and good. the result above had proved that all nine units of the CAI courseware were efficient and could be used for MS.1 students.