

Thesis Title

The Environmental Education Teaching on Household Insecticides for the Students of Rajamangkala Institute of Technology Presented in Sound-Slide Cartoon.

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ABSTRACT

Mosquitoes belong to an important group of insects being responsible for the transmission of several human diseases e.g. malaria, filaria, denque etc. Standard methods for control of mosquitoes includes the use of household chemical insecticides sprayed in or around the house. Although this system is most convenient it does present certain dangerous effects to safety and health and also natural environment, directly or indirectly. Therefore, education on the use of household insecticides for students can be a means to reduce the dangerous effects.

The purpose of this research was to compare the results of teaching by comparing sound-slide cartoon and traditional teaching methods on the topic-household insecticides. A total 68 persons were

included in the experiment, comprising first year students who had enrolled at Rajamangkala Institute of Technology in the academic year 1989. The sample was divided into 2 groups, an experiment group and a control group each group comprising 34 students. The experimental group was taught by the slide cartoon and sound method while the control group was given the traditional teaching method.

The teaching achievement by using the sound-slide cartoon system was shown to give a significant difference from that of the traditional teaching method at the 0.05 level. It was noted that there was also a significant difference in knowledge retention at the same 0.05 level. The quality of sound-slide cartoon was considered excellent and good by the students.