Thesis Title

Use of Multi-Media Modularized Lessons on the Earth, Star and

Space in Science Teaching for Mathayom Suksa 3 Students

Author

Mr. Nopporn Thananchai

M.Ed.

Science Education

Examining Committee

Assoc. Prof. Salee

Ngamkeeree

Chairman

Assoc. Prof. Prachak

Sudaprasert

Member

Assoc. Prof. Pob

Laohapaibul

Member

Abstract

The purposes of this research were to construct Multi - Media Modularized Lessons on the Earth, Star and Space in Science Teaching for Mathayom Suksa 3 Students to have effectiveness by causing the learning achievement of the students up to required mastery level—and to study the learning achievement of the students—taught—through multi - media modularized lessons. The samples of this study were 30 Mathayom Suksa 3 students in the first semester of the academic year 1997 at Mailanoi Daroonsik School, Mailanoi District, Maihongson Province. Research instruments were Multi - Media Modularized Lessons on the Earth, Star and Space and the science achievement test, both constructed by the researcher. The obtained data were analyzed by Item-By-Objective Analysis

Research findings were as follows:

1. Seven objects of Multi - Media Modularized Lessons on the Earth . Star and Space in Science Teaching for Mathayom Suksa 3 Students were developed to have effectiveness by causing the learning achievement of the students up to required mastery level .

- $\hbox{$2$. The overall effectiveness of the muli-media modulalized lessons was } \\ 86.66 \hbox{ per cent allowing learning achievement of the students up to required mastery level} \; .$
- 3. The learning achievement of the students learning through multi media modularized lessons was highly gained .