

NIRAMIT SUKHAKANA : A COMPARISON OF SCIENCE SELF LEARNING ACHIEVEMENT OF MATHAYOM SUKSA ONE STUDENTS BETWEEN THE GROUP USING PROGRAMMED INSTRUCTION LESSON AND THE GROUP USING ILLUSTRATED LESSON. THESIS ADVISOR : ASSO.PROF. THERACHAI PURANAJOTI, Ed.D., 288 PP.
ISBN 974-582-837-8

The purposes of this research were to compare the self learning achievement in science of mathayom sukxa one students between the group using linear programmed instruction lesson and the group using illustrated lesson and to study students' attitudes towards each type of lessons. The samples were two groups of mathayom sukxa one students of Nasok Vithayakal School, Changwat Mukdaharn. Each sample group consisted of 34 students. The two sample groups had pre-test scores not significantly difference at .05 level. The first experimental group studied from the linear programmed instruction lessons while the other experimental group studied from the illustrated lessons. The two types of lessons had the same contents. The post-test were administered to both experimental groups by using the same test. Then the post-test scores of the two groups were tested for the differences by using t-test. The students' attitudes towards each type of lessons were also explored by using the attitude inventory and the collected data were analyzed by means of frequency distribution and percentage.

The findings were as follows:

1. The group using illustrated lessons were higher in science achievement than the group using programmed instruction lessons at the .05 level of significance.
2. Both groups of students had positive attitude towards the lessons that they studied.