

ABSTRACT

Research's Title : A COMPARISON OF LEARNING ACHIEVEMENT STUDYING VOCATIONAL AND TECHNOLOGY OF MATHAYOM II STUDENTS USING 4 MAT CONVENTIONAL INSTRUCTION APPROACH

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The purpose of this study was to compare the achievement of learning achievement in studying vocational of mathayom II students using 4 MAT and conventional instruction approaches.

The sample was 84 mathayom II students in the first semester of year 2010 , at Demonstration School of Suan Sunandha Rajabhat University. They were assigned into two groups, the experimental group is M.2/1 and the control group is M. 2/3 , The experimental group was taught by 4 MAT approach : The control group was taught by conventional instruction approach. The research design was : Randomized Control Group Pretest – Posttest Design.

The instrument used in this study were lesson plans , achievement test. The t-test independent sample and t –test dependent sample were used to statistically analyze the data.

The results of the study indicated that:

1. Vocational achievement after the experiment of the students taught by using the 4 MAT approach was significantly than before the experiment at .05 level.
2. Vocational achievement of the student taught by using the conventional instruction approach after the experiment was significantly different at .01 level.
3. Vocational achievement of students taught by using the 4 MAT approach was significantly higher than the students taught by the conventional instruction approach at the .05 level.