

**TITLE :** The Development of Learning Activities in Words Using Programmed Lesson with STAD cooperative Instructional in Thai Language Strand for Mathayom Suksa 1 Students

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## **ABSTRACT**

The purposes of this research were 1) to study efficiency of learning activities in words using programmed lesson with STAD cooperative instructional in Thai language strand for Mathayom Suksa 1 students based on the 80/80 standardized criteria, 2) to determine the effectiveness index of learning activities in words using programmed lesson with STAD, 3) to compare the students' achievement before and after learning in words using programmed lesson with STAD cooperative Instructional, and 4) to investigate the students' satisfaction toward learning activities in words using programmed lesson with STAD cooperative instructional. The subjects used in this research consisted of 28 Mathayom Suksa 1 students studying in the first semester of academic year 2014 at Ban Nongsaphang school under The Kalasin Primary Educational Service Area Office 3. They were selected by purposive sampling. The research instruments were linear programmed lesson, lesson plans, students' achievement test, and students' satisfaction questionnaire. The data was analyzed by using percentage, mean, standard deviation and t-test (Dependent samples)

The research results were as follows:

1. The development of learning activities in words using programmed lesson with STAD cooperative instructional yielded 81.57/82.67 efficient which was

higher than the 80/80 criteria established.

2. The effectiveness index of programmed lesson with STAD cooperative instructional was 0.6712.

3. The students' achievement after learning by using programmed lesson with STAD cooperative instructional was significantly higher than that before using them at the level of .05.

4. The students' level of satisfaction toward learning through the program instruction with STAD cooperative instructional was at a high level.