

THESIS TITLE : THE DEVELOPMENT OF TEACHING AND LEARNING
ACTIVITIES IN LIFE EXPERIENCES FOR PRATHOMSUKSA IV
STUDENTS THROUGH COOPERATIVE LEARNING MODEL

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Abstract

The purposes of the presentation were 1) to develop teaching and learning activities in life experience subject based on the cooperative learning model for Prathomsuksa IV students and 2) to develop students' learning achievement to the level of 80% and up.

The target group consisted of 34 Prathomsuksa IV students in Ban Huay Luek School in Sopisai District, Nongkhai Province during the second semester of the 1998 academic year.

The instruments used in the study included 1) experimental instrument which consisted of 25 lesson plans basing on the Jigsaw II cooperative learning model, 2) reflective tools which consisted of and observation form for the organization of teaching learning activities, an observation form for observing the students' learning behavior, a form for keeping a record of the results of the lesson plans, an interview form, a student opinion expression form, exercises and quizzes and 3) a model efficiency evaluation form which was learning achievement test on the life experience subject.

The study followed action research procedure. It involved 5 spirals of action, i.e. the first spiral which covered lessons I-V, The second spiral lessons VI-X, the third spiral lessons XI-XIV, the fourth spiral lessons XV-XVIII and the fifth spiral lessons XIX-XXV. Each lesson was taught by applying the devolved teaching model. In the process of collecting the data, researcher kept a record of her observation, the interviews and the students' opinions. At the end of each spiral, a quiz was administered to the students in order to evaluate individual student's and group's learning development according to their marks. After that the present researcher and her assistant gathered the data from note taking, observing, interviewing the students and the students' written opinions for analysis and discussion. Results of the analysis and discussion were subsequently applied to make the teaching learning activities in the next spirals more efficient.

The results showed that:

1. The students who were taught under the Jigsaw II cooperative learning model had a mean learning achievement of 82.50% which was higher than the expected criterion of 80%. Furthermore, 85.29% of the students passed the expected criterion which was higher than the expected 80% of the total number of students.
2. The students who were taught under the model had developed some desirable attributes, i.e. the ability to participate in a discussion rationally, to have self confidence, to be able to express one's self freely, to have group working skills and to be responsible for one's self as well as for the group.
3. A new teaching model was developed for the organization of teaching and learning activities for the Life Experience Subject, Unit 4 The Thai Nation, with emphasis on Jigsaw II cooperative learning. The model consists of 5 teaching steps of 1) the introduction in which learning objectives are announced and past learning is reviewed, 2) the instruction in which problems to be studied are presented to the students, 3) the small group study which consists of 4 sub-steps of preparing subject content, reading of the content, the small group discussion and reporting results of the study the same group, 4) the conclusion which involves a summing up of principles, concepts or knowledge, clearly and correctly and 5) the end of spiral quiz to evaluate the students' understanding of the lessons and to evaluate learning progress of individual students as well as of the group.