

C740558 : MAJOR ELEMENTARY EDUCATION

KEY WORD:

PROGRAM / LOGIC PROGRAM / HIGH LEARNING ACHIEVEMENT IN MATHEMATICS / PRATHOM SUKSA

PENROONG PETCHKIT : THE DEVELOPMENT OF A PROGRAM FOR ENHANCING LOGIC PROBLEM

SOLVING ABILITY FOR PRATHOM SUKSA SIX STUDENTS WITH HIGH LEARNING ACHIEVEMENT IN

MATHEMATICS. THESIS ADVISOR : ASSOC. PROF. DUANGDUEN ONNUAM, Ph.D. 171 pp.

ISBN 974-635-299-7.

The purpose of this study was to develop the program for enhancing logic problem solving ability for Prathom Suksa six students with high learning achievement in mathematics. Four stages of the program in this study were : 1) to study baseline data 2) to develop the program for enhancing logic problem solving ability for Prathom Suksa six students with high learning achievement in mathematics 3) to try out the program. The subjects were 30 students of Prathom Suksa six with high learning achievement in mathematics in the academic year 1996 of Anubal, Nakhon Pathom school, Changwat Nakhon Pathom. 4) to improve the program.

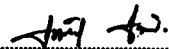
Data from the third stage of the study was used for the improvement of the program, and the program for enhancing logic problem solving ability for Prathom Suksa six students with high learning achievement in mathematics was presented. The characteristic of this program is an enrichment. It provides learning opportunities outside the regular classroom for 5 weeks : 40 minutes a day, 5 days a week before school. Mathematics contents are logic problems solved by using inductive and deductive reasoning.

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