

C340486 : MAJOR ELEMENTARY EDUCATION

KEY WORD: NUZUM'S METHOD/REMEDIAL TEACHING/MATHEMATICS PROBLEM SOLVING

AUJCHARA SUPAPORN : EFFECTS OF REMEDIAL TEACHING BASED ON NUZUM'S METHOD ON MATHEMATICS PROBLEM SOLVING ABILITY OF PRATHOM SUKSA FOUR STUDENTS. THESIS ADVISOR : ASST.PROF. WANNEE SIRICHOTE, 350 PP. ISBN 974-582-256-5

The purpose of this research was to compare mathematics problem solving ability on the topic of whole number addition, subtraction, multiple and division of Prathom Suksa four students of remedial teaching based on Nuzum's method and traditional method.

The samples were 30 Prathom Suksa four students of Pratoochai School in Chungwat Phranakhonsriayutthaya in academic year 1992 who had low achievement on mathematics problem solving ability. The 15 students of control group were received traditional remedial mathematics teaching and 15 students of experimental group were received remedial teaching based on Nuzum's method. The research instruments consisted of the reliability of the computation test was 0.92 and the reliability of two solving problem test were 0.91. The data were analyzed by means of arithmetic mean, standard deviation and t-test.

The finding was that the group learned by remedial teaching based's on Nuzum's method was higher in the ability in mathematic problem solving than the other group learned by the traditional remedial teaching at significant level .05.