

C340696 : MAJOR ELEMENTARY EDUCATION

KEY WORD: COMPARISON / MULTIPLICATION SKILLS / COMPUTER-ASSISTED

INSTRUCTION PROGRAM / PRATHOM SUKSA SIX STUDENTS

PIYASUDA KATTIYAVARA : A COMPARISON OF MULTIPLICATION SKILLS OF PRATHOM SUKSA SIX STUDENTS BETWEEN THOSE DRILLED BY COMPUTER-ASSISTED INSTRUCTION PROGRAM WITH THEIR SELECTED SEQUENTIAL DRILLS AND PLANNED SEQUENTIAL DRILLS. THESIS ADVISOR : ASSO. PROF. DUANGDUEN ONNUAM, Ph.D. 334 pp. ISBN 974-584-293-1

The purpose of this study was to compare the multiplication skills of Prathom Suksa six students between those drilled by computer-assisted instruction program with their selected sequential drills and planned sequential drills and to study opinions of students concerning drilling multiplication skills by computer-assisted instruction program with thier selected sequential drills and planned sequential drills.

The findings of this study were as follows :

- 1) Students' mean scores of multiplication accuracy and speed between those drilled by computer-assisted instruction program with thier selected sequential drills and planned sequential drills were not significantly different at .05 level.
- 2) More than seventy per cent of the students in both groups liked learning mathematics better and enjoyed learning after drilling multiplication skills by computer-assisted instruction program. All of the students felt that drilling multiplication skills by computer-assisted instruction program helped them improve their multiplication proficiency.
- 3) Eighty-nine per cent of the students liked drilling multiplication skills by computer-assisted instruction program with thier selected sequential drills and forty-one per cent of the students liked drilling multiplication skills by computer-assisted instruction program with thier planned sequential drills.