

3971524927: MAJOR EDUCATIONAL MEASUREMENT AND EVALUATION
KEY WORD: MEQ / PROBLEM SOLVING ABILITY / USING MEQ IN TEACHING / MEQ FOR
MATHEMATICS

WONGSUNTI SANGDOKMAI : EFFECTS OF USING THE MEQ ON PRATHOM SUKSA SIX
STUDENTS' PROBLEM SOLVING ABILITY IN MATHEMATICS. THESIS ADVISER : ASSOC.
PROF. PUANGKAEW POONYAKANOK, 118 pp. ISBN 974-638-049-4.

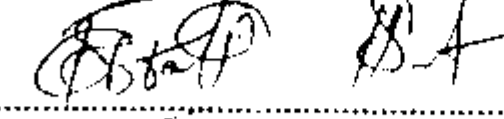
The purpose of this research was to study the effects of MEQ to develop Prathom Suksa six students' problem solving ability. The subjects were 60 Prathom Suksa six students randomly drawn from Ramadkow school. They were multi-stage randomly assigned to an experimental group and a control group. Each group consisted of 30 subjects. The research instruments consisted of the MEQ test, an achievement on problem solving ability test, lesson plan of mathematics and a schedule of remedial teaching of mathematics. These two groups of samples were taught by the researcher for six weeks. The experimental group was taught by using MEQ as a learning media while the control group was taught by the traditional method. Post-test scores on problem solving ability of these two groups were compared by using and analysis of covariance.


It was found that the problem solving ability mean score of the experimental group was significantly higher than of the control group at .01 level and the interaction effect between the method of teaching by using MEQ as learning media and the levels of students' achievement was significant.

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