

C442795 : MAJOR EDUCATIONAL PSYCHOLOGY

KEY WORD: GUIDED QUESTIONING STRATEGIES

NGAMTA KAMONVORADEJ : EFFECTS OF GUIDED QUESTIONING STRATEGIES
TRAINING ON MATHEMATICAL PROBLEM SOLVING OF PRATHOM SUKSA FOUR
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The purpose of this research was to study the effects of guided questioning strategies training on mathematical problem solving of Prathom suksa four students. The subjects were 64 Prathom suksa four students from Watchantawanook school, Amphur Muang, Pitsanuloke Province. They were randomly sampled into one experimental group and one control group. The research design was Pretest - Posttest Control Group Design. The experimental group was trained in guided questioning strategies on mathematical problem solving while the control group received conventional training during sixteen class sessions. The data were analysed by using the t-test.

The results showed that: 1) Students in the experimental group got posttest scores on mathematical problems solving significantly higher than the students in the control group, ($p < .05$); 2) students in the experimental group got scores on mathematical problem solving on posttest significantly higher than their pretest score, ($p < .05$).