

# #	C740912	MATHEMATICS EDUCATION
KEY WORD:	: MAJOR	
	DEFICIENCIES / MATHEMATICS PROBLEM SOLVING PROCESS	
	KHANITTHA KHAMTORN : A STUDY OF DEFICIENCIES IN MATHEMATICS PROBLEM SOLVING PROCESS OF MATHAYOM SUKSA TWO STUDENTS IN THE DEMONSTRATION SCHOOLS UNDER THE JURISDICTION OF THE MINISTRY OF UNIVERSITY AFFAIRS, BANGKOK METROPOLIS.	
	THESIS ADVISOR : ASSOC. PROF. SUWATTANA UTAIRAT, Ph.D., ¹⁴² pp. ISBN 974-633-5405	
	<p>The purposes of this study were to investigate deficiencies in mathematics problem solving process of mathayom suksa two students in demonstration schools under the jurisdiction of the Ministry of University Affairs, Bangkok Metropolis classified by mathematics achievement. The subjects were 400 mathayom suksa two students in demonstration schools under the jurisdiction of the Ministry of University Affairs, Bangkok Metropolis which were selected by simple random sampling. The research instrument which was constructed by the researcher was the subjective test of deficiencies in mathematics problem solving process with the reliability of 0.89. The data were analyzed by means of frequency distribution and percentage. The findings of the study revealed that :</p> <p>1. The number of mathayom suksa two students who had deficiencies in each step of mathematics problem solving process were : plan to solve the problem was 42.25 percent, carry out the plan was 37.25 percent, check the answer was 36.75 percent, and understand the problem was 17.50 percent, respectively.</p> <p>2. The number of mathayom suksa two students who had different mathematics achievement had deficiencies in each step of mathematics problem solving process were as follows:</p> <p>2.1 The number of the students with high mathematics learning achievement who had deficiencies were : plan to solve the problem was 19.03 percent, carry out the plan was 12.83 percent, check the answer was 9.29 percent, and understand the problem was 5.31 percent, respectively.</p> <p>2.2 The number of the students with moderate mathematics learning achievement who had deficiencies were : plan to solve the problem was 52.24 percent, check the answer was 49.25 percent, carry out the plan was 46.27 percent, and understand the problem was 19.40 percent, respectively.</p> <p>2.3 The number of the students with low mathematics learning achievement who had deficiencies were : check the answer was 86.92 percent, plan to solve the problem was 84.11 percent, carry out the plan was 83.18 percent, and understand the problem was 42.06 percent, respectively</p>	

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