

Onuma Ruksachol 2009: Learning Activities Management on “the Relationship between Two Dimension and Three Dimension Geometric Figures” by Using Emphasize Learning Activities on Mathematics Skill and Process for Mathayomsuksa One Students at Watsamukkayaram School, Changwat Nakorn Si Thammarat. Master of Education (Teaching Mathematics), Major Field: Teaching Mathematics, Department of Education.  
Thesis Advisor: Mrs. Chanisvara Lertamornpong, Ph.D. 235 pages.

The purposes of this research were 1) to study the mathematics learning achievement on the relationship between two dimension and three dimension geometric figures by using emphasize learning activities on mathematics skill and process for mathayomsuksa one students at Watsamukkayaram School, Changwat Nakorn Si Thammarat 2) to study students’ abilities on mathematics skill and process, and 3) to study students’ opinions related to learning activities on the relationship between two dimension and three dimension geometric figures by using emphasize learning activities on mathematics skill and process.

The sample was thirty - six mathayomsuksa one students in the second semester of academic year 2008 at Watsamukkayaram School, Changwat Nakorn Si Thammarat. This sample was selected by cluster random sampling from three classrooms. The research instruments were lesson plans, students' questionnaire, and the 22 items of mathematics learning achievement test with the reliability 0.73. The data was analyzed by the percentage, mean, standard deviation and t - test.

The research findings revealed that 1) mathematics learning achievement was higher than 60% at .05 level of significance 2) students had the ability on problem solving, reasoning, communication, presentation, connection, and creative thinking, and 3) almost students agreed that the learning activities were appropriate on the relationship between two dimension and Three dimension geometric figures by using emphasize learning activities on mathematics skill and process.

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Student’s signature

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Thesis Advisor’s signature

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