

ABSTRACT

Thesis Title : A Comparison of Mathematics Learning Achievement of
Mathayom Suksa Three Students with Different Levels of
Self-Confidence in Bangkok Private Schools

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Degree Sought : Master of Education

Major : Educational Measurement and Evaluation

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Advisory committee :

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The aims of this research were to study and compare the results of tests measuring the learning of mathematics of students with varying levels of self-confidence. The research was conducted on Matayom 3 students from private schools in the Bangkok area in the academic year 2542 (1999). The size of the sample group was 660 students who were selected using the Multi-stage random sampling method. This research was carried out using the self-confidence testing mode and the mathematics testing mode (๑.011) with the reliability of 0.82 and 0.74 respectively. These were calculated using percentile, arithmetic mean, standard deviation and one-way analysis of variance.

The findings were as follows :

1. The majority of the 660 students (90.8%) of the sample group had an average level of self-confidence.

2. Students with different levels of self-confidence had different maths test results, i.e. those students with high to highest levels of self-confidence had high maths test results; those with average self-confidence levels had average test results; and those with low to lowest levels of self-confidence had low test results.

3. Students with high to highest levels of self-confidence had maths test results which were higher than the test results of students with only average levels of self-confidence; and students with average self-confidence levels had higher maths test results than students with low to lowest levels of self-confidence at the statistical significant levels of .01.