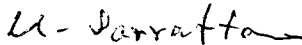


THESIS TITLE : RELATIONSHIPS AMONG SCIENCE PROCESS SKILL AND  
SCIENCE ATTITUDE OF PRATHOM SUKSA II STUDENT  
OF MUNICIPALITY IN REGION 9

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### ABSTRACT

The purposes of this descriptive research were to study the scientific process skills and scientific attitude classified by size of school and province, as well as the relations between those scientific process skills and scientific attitude.

Sample consisted of 443 students in Pratom Suksa 2 from 16 municipality schools in Educational region 9. Two sets of developed tested were employed to collected data, they were:

- 1) Scientific process skills test with value of reliability at .81, level of difficulty between .27-.87 and power of discrimination between .21-.73

2) Scientific attitude test with value of reliability at .82 , level of difficulty between .24-. 84, and power of discrimination between .21-.67. The data were analyzed to acquired percentage, means, standard deviation, and Pearson's Product Moment correlation Coefficient.

#### Findings:

1) Students in large, medium, and small schools had average scores in scientific process skills at 15.18, 14.99 and 15.16 are at percentage of 58.38, 57.65 and 58.30 respectively.

2) Students in Large, medium, and small school had average scores in scientific attitude at 17.13,16.05 and 15.55 or at percentage of 71.37, 66.87 and 64.79 respectively.

3) Students in Khonkaen, Loei, Sakonnakorn, Nong Khai and Udonthani province had average scores in scientific process skills at 14.76,14.70,15.59,16.38 and 14.85 or at percentage of 56.77, 56.54 59.96 63.00 and 57.12 respectively

4) Students in Khonkaen, Loei, Sakonnakorn, Nong Khai and Udonthani province had average scores in scientific attitude at 16.64, 15.97, 14.50, and 17.49 or at percentage of 69.33, 66.54, 60.42, 72.88 and 57.12 respectively.

5) The scientific province skills and scientific attitude of students were correlated significantly at .01 level.