

Thipyawan Krainara 2007: Integrated Science Process Skill Package for Developing Integrated Science Process Skill Achievement of Mathayomsuksa 1 Students. Master of Arts in Teaching, Major Field: Teaching Science, Department of Education. Thesis Advisor: Associate Professor Sunan Sung-ong, Ph.D. 147 pages.

The objectives of this research were: 1) to construct the Integrated Science Process Skill Package with the effectiveness on the basis of the 80/80 2) to compare the achievement of science process skill between the score from the pretest and posttest by using the Integrated Science Process Skill Package and 3) to study student's opinion of the Integrated Science Process Skill Package.

The study group was 20 Mathayomsuksa I students of Kasetsart University Laboratory School selected by means of purposive sampling. The instruments used in this research were the Integrated Science Process Skill Package for Mathayomsuksa I students which was constructed by the researcher. The Integrated Science Process Skill Test and The Opinioniars of the Integrated Science Process Skill Package. The data collected were student's achievement before and after the application of Integrated Science Process Skill Package. In addition, assessed their opinion after learning by Integrated Science Process Skill Package. The collected data were analyzed by using mean, percentage, and match- paired t-test.

The results of this research indicated that 1) The effectiveness of the Integrated Science Process Skill Package for Mathayomsuksa I Students was 82.72/80.15. 2) After used the Integrated Science Process Skill Package the achievement posttest score were significantly higher than those of the pretest score at the statistical level .05 and 3) Students agreed that the content of Integrated Science Process Skill Package and materials supplied were suitable.

Integrated Science Process Skill Package can Developing Integrated Science Process Skill Achievement of Mathayomsuksa 1 Students to have the effectiveness of the 82.72/80.15.

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Student's signature

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Thesis Advisor's signature

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