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KEY WORD: SCIENCE PROCESS SKILL LEARNING BEHAVIORS/ MATHAYOM SUKSA STUDENTS.

SUPORN PURISANGKAHA : SCIENCE PROCESS SKILL LEARNING BEHAVIORS OF MATHAYOM SUKSA ONE STUDENTS : A CASE STUDY OF CHANGWAT

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The purpose of this research was to study science process skill learning behaviors of mathayom sukka one students. The subjects were 30 mathayom sukka one students which were stratified random sampled from secondary schools under the jurisdiction of Teacher Education Department, General Education Department, and the Office of the Private School Commission in Changwat Phra Nakhon Si Ayutthaya. The research instrument was the Science Process Skill Inventory for observing students' learning behaviors which was constructed by the researcher herself. The data were analyzed by computing percentage.

The results of the research were as follows :

1. Science process skill learning behaviors that students more than 50 percents by average practiced were observation, inferring, experimenting, interpreting data and conclusion skill learning behaviors.
2. Science process skill learning behaviors that students more than 10 percents but less than 50 percents by average practiced were measurement, using number, prediction, formulating hypothesis, identifying and controlling variable skill learning behaviors.
3. Science process skill learning behaviors that students less than 10 percents by average practiced was Space/Space relationship and Space/Time relationship skill learning behaviors.
4. Science process skill learning behaviors that were not found in this study were classifying, organizing data and communication, and defining operationally skill learning behaviors.