

**THE DEVELOPING OF SCIENCE MODULE BASED ON SCIENCE,
TECNOLOGY, SOCIETY, AND ENVIRONMENT BY THE THEME
OF “*BRIKET PELEPAH SALAK PONDOH*” TO INCREASE THE
STUDENTS’ PROCESS SKILL OF GRADE VII
IN JUNIOR HIGH SCHOOL 1ST TEMPEL**

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ABSTRACT

This research aims to find out the advisability of the science modules based on Science, Tecnology, Society, and Environment (STML) by the theme of “*Briket Pelepah Salak Pondoh*” which has been developed. It also aims to find out the increasing of students’ process skill after use the result of developed module.

The method of this research is R&D method (Research and Development). This research takes place in SMP N 1 Tempel especially for science learning. The instruments of this research are including: validation sheets of science module, questions set of pre-test and post-test, observation sheets of students’ process skill, questionnaires of students’ response toward developed science module, and the implementation sheets of STML learning approach. The data is analyzed by using descriptive analysis techniques to find out the advisability of the module based on the suggestions and assessment score from the validator, gain score of the increased students’ process skill, the increasing of percentage of student’s process skill on each meeting, students’ responses on the module based on the suggestions, assessment score of the response, and the percentage of the implementation of STML learning approach.

The result of this research shows that the developed science module is suitable to be used in learning process. It is categorized in excellent level. Furthermore, the developed module is able to increase the students’ process skill with medium level categorization in the acquisition of gain score. Meanwhile, based on the observation’s result, it can be concluded that the result of process skill is increase from adequate category to good category.

Keywords: *module for natural science, Sains-Tecnology-Society-Environment (STML), process skill, Junior high school students*