

Improving the Science Process Skills of Students Through The SAVI Approach in Biology Subjects for Madrasah Aliyah Teacher in Yogyakarta

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ABSTRACT

Lesson Study aims to 1) describe the ability of biology teachers in carrying out the learning process with the SAVI approach, 2) describe the quality of learning, especially science process skills in model schools. The implementation of lesson study will follow the Plan - Do - See pattern. In the plan stage, the lesson study team jointly carried out the lesson study plan (do) in the form of the implementation of lesson study design in learning, with the SAVI approach in implementing learning. When the open class learning takes place an observation (see) is conducted to find out the quality of the learning being carried out. The instrument used in the lesson study activity was a lesson study observation sheet to see the implementation of biology learning using the SAVI approach. Open classes are held for 3 meetings at different schools. After the learning ends, a reflection of the learning process is carried out to learn from the open classes that have been implemented. Reflections were carried out by the model teacher, observer, and lesson study team. The results of Lesson Study were successfully carried out by an open class for diffusion and osmosis material at the 1st meeting in MAN 4 Bantul, plant tissue material at meeting 2 in MAN 1 Yogyakarta, and animal tissue material at meeting 3 at MAN 1 Sleman. The learning process in open class 1, 2, and 3 goes well. Teachers can carry out learning in accordance with the characteristics of students. During the learning activities the students seemed focused and enthusiastic about participating in the learning activities. Students' analytical skills are also quite good with an average score of 70, 208.

Kata Kunci: SAVI approach, biology learning process