

Education and Training in Designing Object-Based Science Learning and Contextual Symptoms for Junior High School Science Teachers to Introduce Nature Of Science.

by Susilowati, Insih Wilujeng., Purwanti Widhy H.

ABSTRACT

This training activity aims to improve the pedagogic competence and professional competence of MTs science teachers in Sleman Regency in developing science learning innovations in the form of NoS (Nature of Science) based learning planning products.

This activity was attended by 20 science teachers MTs Sleman Regency. The education and training activities were carried out online on October 13, 14 and 15, 2020. The material presented on the first day included contextual objects and symptoms and Nature of Science (NOS). Activities on the second day focused on designing a Nature of Science based lesson plan. The third day of the workshop activity steps consisted of mentoring the preparation of an asincronus RPP. The training activity method consists of lectures, questions and answers and discussions. Activities carried out through the stages of preparation, implementation and evaluation. The preparation stage is carried out by coordinating with the MGMP IPA MTs Sleman in determining the time and place of training. The evaluation phase is carried out during the training process and an assessment of the learning planning product.

Based on the indicators of success, this PPM activity can be carried out quite successfully. It can be seen from each science teacher in each group that they actively participate in compiling a lesson plan for the Nature of Science (NOS) component. The science teacher responded very well to the activity and gave suggestions for further improvements to the training.

Kata Kunci: *Contextual Objects and Symptoms, Nature of Science (NOS)*