

Optimalization of the Nature Potency as Scientific Problem Orientation for Meaningful Learning

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ABSTRACT

This activity is aimed: (1) to give the scientific problem orientation skills of teachers in teaching science based on the nature phenomena , (2) to package the using of nature potency in science learning, and (3) to produce the nature potency map, scientific activity design, and lesson plan.

The target activities are junior teachers in Magelang regency. Event presented by the lecture method, demonstration, exploration and discussion. The evaluation instruments are the map learning resource's, the scientific activity design's, and lesson plan's assessment sheet.

This activities "Optimalization of Nature Potency as Scientific Problem Orientation for Meaningful Learning" carried out by a team of devotees on Saturday and Monday, at SMP N 1 Mungkid. Participants who attended as many as 26 junior high school science teacher MGMPs members of Magelang Regency. The results in the form of product are learning resource map with using nature potency, scientific activity design, and lesson plan of science learning. The assessment results of the learning resource map shows that most of the participants have been able to use nature paotency in the science learning and they can do scientific problem orientation too. Most of the group can make lesson plan with inquiry approach. As evaluation result, all participants very beneficial for learning in schools and necessary follow-up activities are sustainable.

Kata Kunci: *science learning, nature, scientific problem orientation*