

OPTIMALIZATION IMPLEMENTATION OF CURRICULUM 2013 THROUGH WORKSHOP OF GUIDED-INQUIRY BASED SCIENCE STUDENT WORKSHEET DEVELOPMENT

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ABSTRACT

The aims of this activity are to: (1) disseminating the results of research from a team of stewards on the development of integrated science worksheets guided inquiry based to develop thinking skills and scientific attitude in order to support the implementation of 'kurikulum 2013'; (2) improving the skills of teachers in guiding students to form a concept (concept formation); (3) improving the skills of teachers in inquiry approach in worksheet; (4) improving the creativity of teachers in developing worksheet.

The target participant of this activity is 34 teacher members of MGMP IPA SMP / MTs Magelang regency. This activity is done in three stages, including the stage of theoretical training, practical training phase and the evaluation phase. The methods used are: modeling (simulation), lectures, discussions, and workshops.

The results showed that the overall activity of PPM activity has been successful in reaching the target activity. Most of the participants are already skilled in guiding students to form a concept (concept formation) IPA. Most participants also been able to apply the guided inquiry approach in student worksheet. In addition, the final product student worksheet also shows most of the participants have been creative in developing worksheets with student worksheet develop their own (not copy and paste) and includes the development of higher order thinking skills in student worksheet.

Kata Kunci: science, student worksheet, guided inquiry, thinking skill, scientific attitude