

# ENHANCEMENT THE UNDERSTANDING OF 'PLANT NUTRITION' MATERIALS, WORKSHOP AND TRAINING FOR SCIENCE TEACHERS (MGMP) OF BANTUL DISTRICT

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## ABSTRACT

The government has implemented 2013 Curriculum (K13) for primary and secondary schools in 2013. Implementation of the curriculum by teachers includes the ability to develop a Learning Implementation Plan (RPP), implementation of learning and enrichment of the material. RPP is a plan for face-to-face learning activities for one or more meetings. The results of the interim evaluation and monitoring carried out by the PSMP Directorate show that many teachers have difficulty implementing the new curriculum. A good understanding of biological material for teachers is a requirement that must be met in carrying out learning in schools in addition to the issue of curriculum implementation. The purpose of this service is to improve the mastery of Biology teaching material for teachers of the SMP Science MGMP as well as an understanding of the 2013 Curriculum, especially with the scientific approach in Bantul Regency.

In this activity, in addition to the enrichment, training was also conducted to prove the nutritional needs of plants so that metabolic processes could occur in the plant's body and produce metabolites needed by plants. The next activity is a workshop with the targets are student worksheets on nutritional needs for plants. These workshops and training activities in general can improve understanding of material concepts, especially about plants nutrition and practical skills in proving metabolic results of nutritional needs in plants. In addition, the ability of teachers to make student worksheet especially on nutritional materials for plants that are adjusted to Syllabus, SK, KD and indicators in Curriculum 2013 also increased. For the implementation of higher quality PPM, it is necessary to increase operational funds for activities, so that they can reach more participants.

Kata Kunci: *Teachers, Curriculum, Plant Nutrition, Enhancement*