

# INCREASING THE CAPACITY OF MIN TEACHERS IN THE SPECIAL REGION OF YOGYAKARTA IN THE FIELD OF SCIENCE FOR PREPARATION OF THE NATIONAL SCIENCE OLYMPIAD

by Tri Harjana, Fera Aulia, Suhandoyo, Ciptono

## ABSTRACT

There is still a need for resources to help students get ready for the National Science Olympiad (OSN) in the scientific domain, as revealed by the findings of interviews with State Madrasah Ibtidaiyah (MIN) teachers throughout the Yogyakarta Special Region (DIY). This issue is evident from the fact that, after taking part in OSN for several years, MIN students have not been successful in securing better positions in either public or private elementary schools (SD). Training on OSN preparation in accordance with field demands must be given to OSN accompanying teachers at MIN during DIY. Organizing workshops and training to boost OSN assistant teachers' proficiency in the scientific domain is the answer. This service included OSN questions in addition to orientation, introduction, and syllabus review. Training exercises are used to offer assistance. Using a participatory training model, the activity's training approach also involves implementing formative assessment tools through pilot project activities. Thirty MIN teachers from DIY, twenty for science and twenty for math, participated in the three meetings that comprised the project. The effectiveness of this training exercise is demonstrated by the actual differences in pretest and posttest scores based on statistical tests, which demonstrate an increase in scores. According to the evaluation findings from the monitoring, assignments, and questionnaires, the KSM MIN Assistant Teacher Training Activities were executed effectively during the DIY phase. One journal article and a formative assessment tool from each teacher are the products of this endeavor.

Kata Kunci: *Madrasah Ibtidaiyah, Science Olympiad, training*