

Workshop in developing an assessment instrument of Mathematical Communication and Connection Skills for Junior High School Mathematics Teacher in Kulon Progo

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ABSTRACT

Abstract

The general objective of this Community Service (PPM) activity is to improve the quality of mathematics teaching and learning activities of Junior High School in Kulon Progo. More specifically, this PPM activity aims to enhance the skills of math teachers in developing or preparing an assessment instrument of mathematical communication and connection skills.

This activity targets are 30 math teachers of Junior High School in Kulon Progo. PPM team invited 45 junior high school math teachers in Kulon Progo who actively join MGMP. Of 45 math teachers who were invited, all teachers attended this activity. The implementation took place in SMP Negeri1 Wates, Kulon Progo. This activities has been held on 17th November 2016. Although only follow the activities of PPM for one day, which includes the theory, practice, and the presentation, teachers understanding of the ways of preparing the assessment tool has been able to increase. Activity practice has can be done well. However, to be able to arrange a variety of questions/instruments that are intended to measure mathematical abilities are more specialized, such as problem solving skills, critical thinking ability, and the ability to think creatively, the teachers participating in the activities need a lot of exercise. For activities that will come some workshop participants suggested that given training on how to develop instruments to measure the ability to think critically and creatively mathematically.

Kata Kunci: *Key words: workshop, instrument, communication, connection*