

Workshop on Developing Mathematics Instructional media based on Mathematics Realistic for Islamic Elementary Schools Teachers in Sleman dan Bantul District, Yogyakarta

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ABSTRACT

The cognitive stage of elementary school students is concrete operational in which they need concrete objects as media to help them in understanding abstract objects. Therefore, they need the media to study mathematical material and concepts that are abstract. In the context of Integrated Islamic Primary School (SDIT), the appropriate learning media can be used not only for mathematics learning but also to develop students' character or morals values. Teachers' ability to create an Islamic learning media for mathematics learning is very important. This training activity is a continuation of last year's training activities focused on developing realistic mathematics-based learning model, this year it focuses on developing instructional media. This is based on a final PPM evaluation last year where SDIT teachers still find it difficult to develop appropriate learning media for students. The purpose of the implementation of Community Service activities (PPM) is to help teachers to develop meaningful instructional media that could help students to learn mathematics as well as build the character / moral of students. According to the teachers' responses in the evaluation form, this training can help them and inspire them in developing mathematics instructional media. The participants are enthusiastic in training and they are interested to develop meaningful mathematics media based on realistic mathematics with Islamic context in their respective schools. Participants believe that this activity is useful and needs to be continued with a longer time allocation

Kata Kunci: *mathematics instructional media, meaningful learning, Islamic contexts*