

Training in Research and Development of Teaching Sets for Mathematics Teachers In Sleman Regency, DI Yogyakarta

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ABSTRACT

This community service aims to carry out research training and development of teaching materials for junior high school mathematics teachers in Sleman Regency DI Yogyakarta. This service uses a training and mentoring approach. During the training activities, the service providers conducted training for educators about research and development of teaching materials for junior high school mathematics teachers. This training activity was followed by a workshop followed by mentoring for teachers, so that at the end of the educator program there were teaching materials developed through research. The results of the service obtained were the implementation of training in research and development of teaching materials for junior high school mathematics teachers in Sleman Regency, Yogyakarta.

About 40 math teachers who are members of the Mathematics MGMP in Sleman Regency in DI Yogyakarta and surrounding areas are involved in this training and mentoring. The training discussed philosophical material about the need for research and development of teaching materials for mathematics teachers in schools. The training was followed by workshops and mentoring for junior high school mathematics teaching materials.

Research and development training is carried out, especially development training related to learning that trains HOTS. The training was held at SMP 4 Pakem, which involved junior high school teachers throughout Sleman Regency. Participants were very enthusiastic about the activities carried out, and as a result of collecting products from development, both learning devices and questions that measured HOTS for mathematics.

Kata Kunci: training, mentoring, research and development of teaching materials