

IbM for SDIT Salsabila and SDIT Salman Alfarisi Teachers in Overcoming Science Equipment Package Development Problems

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ABSTRACT

This activity aims to: (a) increase teacher creativity in developing science equipment packages; (b) improve teacher skills in using the science equipment package; (c) improve teacher skills in teaching science in a process-oriented manner. There are three program structures for the implementation of the program, namely the program structure for inservice training, the program structure for on-the job training and the program structure for in-service training. All strategies are focused on the development of science equipment and its use, and process-oriented learning. The role of partners, apart from being a participant, is also as a workshop venue provider, in socializing workshop results to other teachers and collaborating with the team in organizing consumption. For the development of the science equipment package, it is assessed with a product observation sheet with attention to the following aspects: the breadth of the concept of competency suitability, clarity & suitability of tools & materials, physical appearance of the media in science equipment, and activities. For the use of the science equipment package and the implementation of learning, it is assessed with an observation sheet. The aspect of creativity is assessed by the criteria of product authenticity and the materials used. The results of the activity show that most of the participants already have teacher skills in developing science equipment packages. The teacher's creativity in developing the science equipment package can be seen from the products produced by the participants who do not copy and paste with a total of 12 kinds and in the form of realia media, charts or pictures, models, practical tools. Most of the participants who did the display were already good at implementing the use of the science equipment package

Kata Kunci: science equipment package, science learning, process-oriented