

Training How to Create Student Activity Sheet (LKS) Using Geogebra to Develop Problem Solving Ability

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ABSTRACT

Student Activity Sheet (LKS) is one of the teaching materials that should be prepared by teacher in improving the quality of learning. Especially for math teachers, LKS which is completed with graphical visualization can improve students' enthusiasm. Because with it can visualize the material becomes more concrete. Software which is quite easy but with a complete feature is Geogebra. In addition, students must be equipped with material that is not only superior in terms of technical but also the concept. Therefore, the purpose of the training is for the training of the preparation of Geogebra-assisted LKS for the development of problem-solving skills. This training is in the form of demonstration activity of Geogebra both 2D and 3D for material of geometry, algebra, and calculus. The activity continued with the assistance to the participants by first forming the participants into several groups. Activities are inserted with evaluation and reflection so that participants' needs can be accommodated. Based on the questionnaire results, a total of 65.38% of participants considered that training activities has motivation to implement to the learning in schools.

Kata Kunci: student activity sheet (LKS), Geogebra, mathematics, problem solving