

ABSTRACT

DEVELOPMENT OF MATHEMATICS WORKSHEET BASED ON STUDENTS' SELF-LEARNING OF FIFTH GRADE AT STATE ELEMENTARY SCHOOL OF ADILUWIH DISTRICT OF PRINGSEWU REGENCY

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The purposes of this research were to describe (1) the importance of LKS as improving the quality of learning (2) the characteristics of teaching materials mathematics LKS (3) the effectiveness (4) the efficient (5) the attractiveness of the use of worksheets materials to understand the properties up and the correlation between waking.

This research design was a Research and Development (R&D), based on measures of research development Borg and Goll. Data was collected by questionnaires and questions and test, analyzed by the gain test, and quantitative descriptive. Conclusions of the research were (1) SD N 3 Adiluwih has potential for the development of teaching materials of mathematics LKS as an effort to improve the quality of learning by materials to understand the properties up and the correlation between waking, (2) the characteristics of teaching materials of mathematics LKS based on student's self-learning, (3) teaching materials of mathematics LKS effectively used as a learning media and proved by gain value for the class before using LKS, $0,54 > 0,36$ (4) the use of teaching materials of mathematics LKS learning media efficiently as proved by the value of learning efficiency ratio amounted to 1,30, (5) teaching materials of mathematics LKS was interesting used with an average value of the attractiveness test of 3,15.

Key word : worksheets, mathematics, based on self-learning