

THE DEVELOPMENT OF STUDENT WORKSHEET BASED ANDROID ON ACID-BASE MATERIALS

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ABSTRACT

This research objectives to (1) Know the quality of Student Worksheet based android which has been compiled and (2) Know the Student Worksheets based android can increase the interest / motivation and self-learning of students. This research conducted at SMA Negeri 1 Perbaungan in April-May 2018. The method of this research is *Research and Development (R and D)* with ADDIE development model. This development research has three types of data, ie product development, product quality assessment, and the increasing of motivation and students self-learning. The Quality of Student Worksheets Based Android on Acid-Base material has a Very Good (VG) quality category with an ideal percentage is 87.5%. Based on the assessment, the Student Worksheets Based Android on the Acid-Base material for high school class XI students are suitable to be used as practical, economical, moveable learning media and in accordance with the facilities of the learners. Increasing students' motivation and self-learning towards Student Worksheets Based Android on Acid-Base is included in the category of Very Agree (VA) with ideal percentage is 87.48 %. Based on these assessments, the Student Worksheet Based Android on Acid-Base material can improve the learning motivation and self-learning because the Student Worksheet can be used anytime and anywhere.

Keywords: *Student Worksheet, Android, Acid-Base.*

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