

THE EFFECT OF PROJECT-BASED LEARNING MODEL ASSISTED BY WORDWALL ON IMPROVING STUDENTS' MATHEMATICS LEARNING OUTCOMES IN ELEMENTARY SCHOOL

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ABSTRACT

This study is set against the background of students' math learning outcomes, many students do not like learning math because for students math is a difficult subject. This study aims to determine the effect of the Project Based Learning model assisted by Wordwall by comparing two classes, namely the experimental class and the control class. The subject of this research is third grade SDN 2 Penganjang, while for the object is class III A and III B, the class was selected using purposive sampling technique and after testing the class has an equal level of math learning outcomes. This study uses a quantitative approach with a Quasi Experiment type method and a Nonequivalent Control Group Design research design. Pretest, Posttest and observation sheet are the data collection methods used. Based on the results of the study, the description of the process of the experimental class and control class has been running in accordance with the syntax of the learning model and the aspects contained in the observation sheet. Based on the results of the simple linear regression test shows that the sig value. $0,046 < 0,05$. Thus H_0 is rejected and H_1 is accepted, stating that there is an effect of the Project Based Learning model assisted by Wordwall on improving students' math learning outcomes. This shows that students who use the Project Based Learning model assisted by Wordwall have an influence on improving math learning outcomes. The results of the normalized n-gain test show that the increase in the experimental class is 81% while the control class is 40%, meaning that the class using the Project Based Learning model assisted by Wordwall has a greater improvement than the class using the conventional learning model.

Keywords: Math Learning Outcomes, Project Based Learning Model and Wordwall Application.