

The Influence of the Student Teams Achievement Divisions (STAD) Cooperative Learning Model Assisted by Wordwall Media on the Mathematical Learning Outcomes of Elementary School Students

by

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ABSTRACT

This research is motivated by the low mathematical learning outcomes of grade II students, so that the achievement of mathematical learning outcomes of students still has not reached the criteria for achieving learning objectives. The purpose of this study is to understand the learning process, analyze, and describe the effect of the Student Teams Achievement Divisions (STAD) cooperative learning model assisted by wordwalls on students' mathematical learning outcomes. The method used in this study is a quantitative method of the quasi-experimental type. The design used in this study is a quasi-experimental design in the form of a nonequivalent control group design. The study was aimed at second-grade students at SDN 020 Lengkong Besar, Bandung City. The population in this study were all second-grade students of SDN 020 Lengkong Besar, totaling 84 people. The sample of this study was class II B, totaling 28 people and class II C, totaling 28 people. Data collection techniques used in this study were tests, observations and documentation. The researcher conducted data analysis by calculating normality tests, homogeneity tests, hypothesis tests and effect size tests with the help of the SPSS version 26.0 application. Based on the results of the research and data analysis, the mathematical learning outcomes of students who use the Student Teams Achievement Divisions (STAD) cooperative learning model assisted by wordwalls are better than students who receive conventional learning models. The mathematical learning outcomes of students from the effect size test results are 0.747 with a moderate category. So it can be concluded that the use of the Student Teams Achievement Divisions (STAD) cooperative learning model assisted by wordwalls can have a positive impact on learning activities. Therefore, this learning model can be used as an effective learning model in the mathematics learning process in elementary schools.

Keywords: *Mathematical Learning Outcomes, Student Teams Achievement Divisions (STAD) Cooperative Learning Model, Wordwall, Elementary School Students.*