THE INFLUENCE OF CONTEXTUAL TEACHING AND LEARNING MODELS ASSISTED WITH WORDWALL MEDIA TO IMPROVE PRIMARY SCHOOL STUDENTS' UNDERSTANDING OF MATHEMATICS CONCEPTS

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ABSTRACT

The background to this research is that the cognitive learning outcomes and understanding of students at SD Negeri 210 Babakan Sinyar are still low, and there is still a need for innovation in learning activities. The learning that is needed nowadays is that there is development assisted by technology that is relevant and not just based on books or teachers. This research aims to determine the effect of the Contextual Teaching and Learning learning model assisted by wordwall media to improve students' understanding of mathematical concepts at State Elementary School 210 Babakan Sinyar. This research uses a quantitative approach with a quasi-experimental research method, non-equivalent control group design. The population of this study was 26 students in class II A (experiment) and 20 students in class II B (control) at SD Negeri 210 Babakan Sinyar. The treatment given to class II A (experiment) was the Contextual Teaching and Learning model assisted by wordwall media and the treatment given to class II B (control) was the conventional learning model. The data collection technique used is through pretest posttest, observation sheets and documentation. Data processing techniques were carried out using normality tests, homogeneity tests, independent sample t tests, effect size tests, and N Gain tests. Based on the results of this research, it shows that there is an influence between the experimental and control classes. This can be seen from the results of the independent t test which produces a significance value of 0.000, and there is an increase between the experimental and control classes. This can be seen from the N Gain score test results of 0.6. So it can be concluded that there is an influence between classes that use the Contextual Teaching and Learning learning model assisted by wordwall media and classes that use conventional learning. And there was a significant increase in the experimental class before and after using the Contextual Teaching and Learning model assisted by wordwall media.

Keywords : understanding concepts, contextual teaching and learning model, wordwall media