

**PENGARUH MODEL PEMBELAJARAN
DISCOVERY LEARNING BERBANTUAN
ALAT PERAGA PAPAN JURANG TERHADAP
HASIL BELAJAR MATEMATIKA KELAS II SDN GUGUS III TEMBUKU**

Oleh

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ABSTRAK

Pembelajaran matematika di sekolah dasar masih menghadapi permasalahan rendahnya hasil belajar matematika siswa yang disebabkan oleh kurangnya variasi dalam penggunaan model pembelajaran yang inovatif. Penelitian ini bertujuan untuk mendeskripsikan pengaruh penerapan model pembelajaran Discovery Learning berbantuan alat peraga Papan Jurang terhadap hasil belajar matematika siswa kelas II sekolah dasar. Jenis penelitian adalah penelitian kuantitatif dengan pendekatan eksperimen semu (*quasi experiment*) yang menggunakan rancangan *non-equivalent control group design*. Populasi penelitian ini yaitu seluruh siswa kelas II SDN Gugus Tembuku dengan total 196 siswa. Teknik pengambilan sampel menggunakan cluster random sampling dan didapatkan 2 kelas sebagai kelas eksperimen dan kelas kontrol. Metode dan instrumen pengumpulan data berupa tes pilihan ganda. Teknik analisis data dilakukan menggunakan analisis statistik deskriptif dan statistik inferensial. Hasil penelitian menunjukkan bahwa hasil belajar matematika siswa yang mengikuti pembelajaran dengan model pembelajaran *Discovery Learning* berbantuan alat peraga Papan Jurang lebih tinggi dibandingkan siswa yang mengikuti pembelajaran konvensional. Kesimpulannya, terdapat pengaruh yang signifikan model *Discovery Learning* berbantuan alat peraga Papan Jurang terhadap hasil belajar matematika siswa kelas II SDN Gugus III Tembuku.

Kata kunci: Model Pembelajaran *Discovery Learning*, Alat Peraga Papan Jurang, Hasil Belajar Matematika

***THE EFFECT OF DISCOVERY LEARNING MODEL ASSISTED BY
“PAPAN JURANG” TEACHING AID ON MATHEMATICS LEARNING
OUTCOMES OF SECOND GRADE STUDENTS AT SDN CLUSTER III
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ABSTRACT

Mathematics learning in elementary schools still faces the problem of low student learning outcomes, which is caused by the lack of variation in the use of innovative learning models. This study aims to describe the effect of the implementation of the Discovery Learning model assisted by the “Papan Jurang” teaching aid on the mathematics learning outcomes of second-grade elementary school students. This research is a quantitative study with a quasi-experimental approach using a non-equivalent control group design. The population of this study consisted of all second-grade students of SDN Gugus Tembuku, totaling 196 students. The sampling technique used was cluster random sampling, resulting in two classes selected as the experimental and control groups. The data collection method and instrument used were multiple-choice tests. Data analysis techniques included descriptive statistical analysis and inferential statistical analysis. The results showed that students who learned using the Discovery Learning model assisted by the “Papan Jurang” teaching aid had higher mathematics learning outcomes compared to those who learned through conventional methods. In conclusion, there is a significant effect of the Discovery Learning model assisted by the “Papan Jurang” teaching aid on the mathematics learning outcomes of second-grade students at SDN Cluster III Tembuku.

Keywords: *Discovery Learning Model, “Papan Jurang” Teaching Aid, Mathematics Learning Outcomes*