

ABSTRAK

PENGARUH MODEL *DISCOVERY LEARNING* TERHADAP PEMAHAMAN KONSEP MATEMATIKA KELAS V SEKOLAH DASAR

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Masalah dalam penelitian ini adalah rendahnya pemahaman konsep matematika kelas V sekolah dasar. Penelitian ini bertujuan untuk mengetahui pengaruh model *discovery learning* terhadap pemahaman konsep matematika. Metode penelitian ini adalah *quasi experimental design*. Populasi dalam penelitian ini berjumlah 74 peserta didik, sampel 52 peserta didik. Penentuan sampel penelitian menggunakan teknik *non-probability sampling*. Teknik pengumpulan data menggunakan teknik tes berupa soal uraian dan teknik non tes berupa lembar observasi. Pengujian hipotesis menggunakan rumus regresi linear sederhana dengan hasil perhitungan $F_{hitung} > F_{tabel}$ yaitu $30,442 > 4,26$ dan nilai signifikansi yang diperoleh sebesar $0,000 < 0,05$, sehingga dapat disimpulkan bahwa terdapat pengaruh yang signifikan pada penerapan model *discovery learning* terhadap pemahaman konsep matematika kelas V sekolah dasar.

Kata kunci: Model *discovery learning*, pemahaman konsep matematika.

ABSTRACT

THE EFFECT OF DISCOVERY LEARNING MODEL ON UNDERSTANDING OF MATHEMATICAL CONCEPTS IN GRADE V OF ELEMENTARY SCHOOL

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The problem in this research was the low understanding of mathematical concepts in grade V of elementary school. This research aimed to determine the effect of the discovery learning model on students understanding of mathematical concepts. The research method used was a quasi-experimental design. The population in this study consisted of 74 students, and the sample consisted of 52 students. The research sample was determined using non-probability sampling techniques. The data collection technique used test methods in the form of descriptive questions and non-test methods in the form of observation sheets. Hypothesis testing used a simple linear regression formula, with the calculation results showing that $F_{\text{count}} > F_{\text{table}}$ namely $30,442 > 4,26$, and the significance value obtained was $0.000 < 0.05$. Therefore, it was concluded that there was a significant influence of the discovery learning model on students understanding of mathematical concepts in grade V of elementary school.

Keywords: discovery learning model, understanding mathematical concepts.