

**PENGARUH MODEL *PROBLEM BASED LEARNING* BERBANTUAN
APLIKASI *BOOK CREATOR* TERHADAP KEMAMPUAN NUMERASI
SISWA SEKOLAH DASAR**

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ABSTRAK

Tujuan penelitian ini adalah untuk menganalisis pengaruh model *Problem Based Learning* berbantuan aplikasi *Book Creator* terhadap kemampuan numerasi siswa sekolah dasar. Metode penelitian ini menggunakan metode kuantitatif, jenis *pre eksperimental design*. Desain penelitian yang digunakan adalah eksperimen tipe *one group pretest-posttest design*. Populasi penelitian adalah jumlah keseluruhan dari siswa di SDN Kiara III yaitu 238 siswa pada tahun pelajaran 2022/2023. Teknik sampel yang digunakan adalah *purposive sampling* yaitu teknik penentuan sampel dengan berdasarkan kriteria tertentu. Sampel penelitian adalah siswa kelas V SDN Kiara III yang berjumlah 23 siswa. Instrumen penelitian berupa tes *essay* sebanyak 5 soal. Analisis data dilakukan dengan menggunakan bantuan program SPSS versi 26 didapatkan hasil *sig* (*2-tailed*) sebesar $0,000 < 0,05$, sehingga H_0 ditolak yang artinya terdapat pengaruh model *Problem Based Learning* berbantuan aplikasi *Book Creator* terhadap kemampuan numerasi siswa sekolah dasar.

Kata Kunci : *Problem Based Learning, Book Creator, Kemampuan Numerasi*

**THE EFFECT OF THE PROBLEM BASED LEARNING MODEL ASSISTED
BY THE BOOK CREATOR APPLICATION ON THE NUMERACY SKILLS OF
ELEMENTARY SCHOOL STUDENTS**

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ABSTRACT

The purpose of this study was to determine the effect of the Problem Based Learning model assisted by the Book Creator application on the numeracy skills of elementary school students. This research method uses quantitative methods, the type of pre-experimental design. The research design used was an experimental type one group pretest-posttest design. The research population is the total number of students at SDN Kiara III, namely 238 students in the 2022/2023 academic year. The sample technique used was purposive sampling, namely a sampling technique based on certain criteria. The research sample was fifth grade students at SDN Kiara III, totaling 23 students. The research instrument was an essay test with 5 questions. Data analysis was carried out using the help of the SPSS version 26 program to obtain a sig (2- tailed) result of $0.000 < 0.05$, so that H_0 was rejected, which means that there is an influence of the Problem Based Learning model assisted by the Book Creator application on the numeracy skills of elementary school students.

Keywords : *Problem Based Learning, Book Creator, Numeracy Ability*