

## ABSTRAK

### PENGARUH MODEL *PROBLEM BASED LEARNING* BERBANTUAN *MONOMATH* TERHADAP BERPIKIR KRITIS KELAS V SD NURUL HUDA *ISLAMIC SCHOOL*

Oleh

TAMAM ABDIELLA SANCARI

Masalah dalam penelitian ini yaitu rendahnya kemampuan berpikir kritis peserta didik kelas V pada mata pelajaran Matematika di SD Nurul Huda *Islamic School*. Penelitian ini bertujuan untuk menganalisis pengaruh dari penerapan model pembelajaran *problem based learning* berbantuan *monomath* terhadap kemampuan berpikir kritis peserta didik. Metode yang digunakan adalah eksperimen semu (*quasi experiment*). Desain penelitian yang digunakan yaitu *non-equivalent control group design*. Populasi penelitian berjumlah 53 peserta didik dan sampel yang diambil sebanyak 53 peserta didik, sampel ditentukan dengan teknik sampling jenuh. Teknik pengumpulan data yang dilakukan dengan teknik tes dan nontes. Data pengujian hipotesisnya dengan menggunakan regresi linear sederhana diperoleh  $F_{hitung} > F_{tabel}$  artinya model pembelajaran *problem based learning* berbantuan *monomath* berpengaruh terhadap berpikir kritis. Hasil penelitian ini membuktikan bahwa adanya pengaruh model pembelajaran *problem based learning* berbantuan *monomath* terhadap kemampuan berpikir kritis peserta didik kelas V pada mata pelajaran Matematika di SD Nurul Huda *Islamic School* tahun ajaran 2023/2024.

**Kata Kunci:** berpikir kritis, *monomath*, PBL.

## **ABSTRACT**

### **EFFECT OF PROBLEM BASED LEARNING BASED ON *MONOMATH* TOWARDS CRITICAL THINKING CLASS V OF NURUL HUDA ISLAMIC SCHOOL**

**By**

**TAMAM ABDIELLA SANCARI**

The problem in this research was the low critical thinking skills of class V students in Mathematics at Nurul Huda Islamic School Elementary School. This research aims to analyze the effect of implementing the *monomath*-based problem based learning model on students' critical thinking abilities. The method used is a quasi experiment. The research design used is non-equivalent control group design. The research population was 53 students and the sample taken was 53 students, the sample was determined using a saturated sampling technique. Data collection techniques were carried out using test and non-test techniques. Hypothesis testing data using simple linear regression obtained  $F_{count} > F_{table}$ , meaning that the problem based learning model assisted by *monomath* has an effect on critical thinking. The results of this research prove that there was an influence of the *monomath*-assisted problem based learning model on the critical thinking abilities of class V students in Mathematics at Nurul Huda Islamic School Elementary School for the 2023/2024 academic year.

Keywords: critical thinking, *monomath*, PBL.