ABSTRAK

PENGARUH MODEL *PROBLEM BASED LEARNING* BERBANTUAN MEDIA MANIPULATIF TERHADAP HASIL BELAJAR MATEMATIKA PESERTA DIDIK KELAS IV SD NEGERI 2 TULUNG BALAK

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Masalah dalam penelitian ini adalah rendahnya hasil belajar matematika peserta didik kelas IV di SD Negeri 2 Tulung Balak. Penelitian ini bertujuan untuk mengetahui pengaruh dari penggunaan model *problem based learning* berbantuan media manipulatif terhadap hasil belajar matematika peserta didik. Jenis penelitian yang digunakan adalah penelitian kuantitatif dengan pendekatan eksperimen. Desain penelitian ini adalah *quasi-experimental design* dengan jenis *non-equivalent control group design*. Populasi berjumlah 36 orang peserta didik dan sampel ditentukan dengan teknik sampling jenuh. Teknik pengumpulan data penelitian dilakukan dengan teknik tes dan non-tes. Teknik analisis data menggunakan uji regresi sederhana yang menunjukan $F_{hitung} = 34,966 \geq F_{tabel} = 4,414$. Hasil penelitian ini menunjukan bahwa terdapat pengaruh model *problem based learning* berbantuan media manipulatif terhadap hasil belajar matematika peserta didik kelas IV SD Negeri 2 Tulung Balak tahun pelajaran 2023/2024.

Kata kunci: hasil belajar matematika, media manipulatif, *problem based learning*

ABSTRACT

THE EFFECT OF THE PROBLEM BASED LEARNING MODEL ASSISTED BY MANIPULATIVE MEDIA ON MATHEMATICS LEARNING OUTCOMES OF FOURTH GRADE STUDENTS AT SD NEGERI 2 TULUNG BALAK

By

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The problem in this study was the low mathematics learning outcomes of fourth grade students at SD Negeri 2 Tulung Balak. This study aimed to determine the effect of using a problem based learning model assisted by manipulative media on students' mathematics learning outcomes. The type of research used was quantitative research with an experimental approach. The research design was quasi experimental with a non equivalent control group design. The population consisted of 36 students, and the sample was determined using a saturated sampling technique. Data collection techniques were conducted using tests and non tests. Data analysis techniques used simple regression tests, which showed $F_{count} = 34.966 \geq F_{table} = 4.414$. The results of this study showed that the problem based learning model assisted by manipulative media affected the mathematics learning outcomes of fourth grade students at SD Negeri 2 Tulung Balak for the 2023/2024 academic year.

Keywords: mathematics learning outcomes, manipulative media, problem based learning