

Wahyu Triandani, 2024. *Pengaruh Model Problem Based Learning Terhadap Hasil Belajar Materi Pecahan Pada Mata Pelajaran Matematika Kelas V SDN Kerep Kidul Nganjuk*. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Nilamsari Damayanti Fajrin S.Pd., M.Pd.

ABSTRAK

Tujuan penelitian ini adalah untuk mengetahui pengaruh penerapan model pembelajaran *Problem Based Learning* terhadap hasil belajar materi pecahan pada mata pelajaran matematika kelas V SDN Kerep Kidul Nganjuk. Penelitian ini menggunakan metode kuantitatif. *Design* penelitian menggunakan *pra eksperimental design* dengan bentuk *One Group Pretest-Posttes Design*. Populasi dalam penelitian ini adalah seluruh siswa di SDN Kerep Kidul Nganjuk. Pengambilan sampel menggunakan teknik *purposive sampling*. Sampel penelitian sebanyak 29 siswa kelas V yang terdiri dari 12 siswa perempuan dan 17 siswa laki-laki. Teknik pengumpulan data dilakukan melalui observasi, dan tes. Hasil penelitian menunjukkan bahwa hasil analisis uji-t (*paired sample t-test*), diketahui nilai t-hitung mendapatkan sebesar 7,743 dan t table sebesar 1,701 nilai signifikansi sebesar 0,000. Berdasarkan kriteria pengujian uji pihak kiri jika t hitung > t table maka H1 diterima Ho ditolak. Dapat dinyatakan nilai t hitung > t table yaitu - 7,743 < 1,701 sehingga H1 diterima. Pada hasil Sig.2 (*tailed*) < 0,10 (0,000 < 0,10) maka Ho ditolak H1 diterima, sehingga dapat disimpulkan bahwa terdapat pengaruh yang signifikan penerapan model *Problem Based Learning* terhadap hasil belajar siswa materi pecahan pada mata pelajaran matematika kelas V SDN Kerep Kidul Nganjuk.

Kata kunci: *Problem Based Learning*, Hasil Belajar, Pecahan

Wahyu Triandani, 2024. *The Effect of Problem Based Learning Model on Learning Outcomes on Fraction Material of Mathematics Grade V Students at SDN Kerep Kidul Nganjuk*. Thesis, Elementary School Teacher Education Study Program, Faculty of Education, Trunojoyo Madura University. Supervisor: Nilamsari Damayanti Fajrin S.Pd., M.Pd.

ABSTRACT

The aim of this research is to determine the effect of applying the Problem Based Learning model on the learning outcomes of fraction material in class V mathematics subjects at SDN Kerep Kidul Nganjuk. This research uses quantitative methods. The research design uses a pre-experimental design in the form of One Group Pretest-Posttest Design. The population in this study were all students at SDN Kerep Kidul Nganjuk. Sampling used purposive sampling technique. The research sample was 29 fifth grade students consisting of 12 female students and 17 male students. Data collection techniques are carried out through observation and tests. The research results show that the results of the t-test analysis (paired sample t-test), it is known that the t-count value is 7.743 and the t table is 1,701, the significance value is 0.000. Based on the left side test testing criteria, if $t_{count} > t_{table}$ then H_1 is accepted, H_0 is rejected. It can be stated that the calculated t value $> t_{table}$ is $7.743 < 1,701$ so that H_1 is accepted. If the result is $Sig.2 (tailed) < 0.10$ ($0.000 < 0.10$), then H_0 is rejected. H_1 is accepted, so it can be concluded that there is a significant influence of the application of the Problem Based Learning model on student learning outcomes regarding fractions in class V mathematics subjects at SDN Kerep Kidul Nganjuk.

Keywords: *Problem Based Learning, Learning Outcomes, Fraction*