

Nurul Isti Komalia. 2024. *Pengaruh Model Problem Based Learning Pada Pembelajaran Matematika Materi Volume Kubus Dan Balok Terhadap Hasil Belajar Siswa Kelas IV SDN Tunjung 2 Burneh Bangkalan*. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing : Umi Hanik, S.Pd, M.Pd.

ABSTRAK

Abstrak : Tujuan penelitian ini adalah untuk mengetahui pengaruh model pembelajaran *problem based learning* pada pembelajaran matematika materi volume kubus dan balok terhadap hasil belajar siswa kelas IV SDN Tunjung 2 Burneh Bangkalan. Pendekatan yang digunakan dalam penelitian ini penelitian kuantitatif dengan jenis penelitian eksperimen dengan menggunakan desain penelitian *Non probability sampling* jenis sampling jenuh. Sampel yang digunakan dalam penelitian yakni kelas IVA sebagai kelas eksperimen sebanyak 23 siswa dan kelas IVB sebanyak 19 siswa sebagai kelas kontrol. Instrumen penelitian yang digunakan yakni observasi, wawancara, angket, tes. Uji coba pada soal tes menggunakan uji validitas, reliabilitas, tingkat kesukaran soal, dan daya pembeda. Analisis data yang digunakan dalam uji prasyarat menggunakan uji normalitas, homogenitas, dan uji hipotesis menggunakan *independent sample t-test*. Berdasarkan hasil analisis data pada uji hipotesis menggunakan *independent sample t-test* diperoleh nilai $\text{Sig. (2-tailed)} = 0,001$ maka berdasarkan kriteria pengujian *independent sample t-test* jika nilai $\text{Sig. (2-tailed)} < 0,05$ dengan $t_{\text{hitung}} = 3,619 > t_{\text{tabel}} 2,018$ maka H_0 ditolak H_a diterima. Maka dapat disimpulkan bahwa terdapat pengaruh model pembelajaran *problem based learning* pada pembelajaran matematika materi volume kubus dan balok terhadap hasil belajar siswa kelas IV SDN Tunjung 2 Burneh Bangkalan

Kata-kata kunci : model pembelajaran *problem based learning*, hasil belajar, siswa kelas IV

Nurul Isti Komalia. 2024. *The Influence of the Problem Based Learning Model in Mathematics Learning, Volume OF Cubes and Blocks Material on the Learning Outcomes of Class IV Students at SDN Tunjung 2 Burneh Bangkalan*. Thesis, Elementary School Teacher Education Study Program, Faculty of Education, Trunojoyo University Madura. Supervisor: Umi Hanik, S.Pd, M.Pd.

ABSTRACT

Abstract: The aim of this research is to determine the effect of the problem based learning model in mathematics learning, volume of cubes and blocks, on the learning outcomes of class IV students at SDN Tunjung 2 Burneh Bangkalan. The approach used in this research is quantitative research with a type of experimental research using a non-probability sampling research design, a saturated sampling type. The samples used in the research were class IVA as an experimental class with 23 students and class IVB with 19 students as a control class. The research instrumens used were observation, interviews, questionnaires, tests. Trials on test questions use tests of validity, reliability, level of difficulty of the questions, and distinguishing power. Data analysis used in the prerequisite test uses normality, homogeneity tests, and hypothesis testing uses the independent sample t-test. Based on the results of data analysis in hypothesis testing using the independent sample t-test, the value of $\text{Sig.}(2\text{-tailed}) = 0.001$ is obtained, then based on the independent sample t-test testing criteria if the value of $\text{Sig.}(2\text{-tailed}) < 0.05$ with $t_{\text{count}} = 3.619 > t_{\text{table}} 2.018$ then H_0 is rejected and H_a is accepted. So it can be concluded that there is an influence of the problem based learning model in mathematics learning, volume of cubes and blocks on the learning outcomes of class IV students at SDN Tunjung 2 Burneh Bangkalan

Key words: problem based learning model, learning outcomes, fourth grade students