

Iza Lailatul M, 2022. *Pengaruh Model Pembelajaran Contextual Teaching and Learning (CTL) Terhadap Hasil Belajar Matematika Materi Keliling Bangun Datar Pada Siswa Kelas IV SD NU Al Falah Gajah Baureno Bojonegoro*. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Dosen Pembimbing: Ana Naimatul Jannah, S.Pd., M.Pd.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui peningkatan yang signifikan hasil belajar matematika siswa materi keliling bangun datar, melalui penerapan model pembelajaran *contextual teaching and learning (CTL)*. Penelitian ini merupakan penelitian kuantitatif dengan jenis penelitian eksperimen, desain yang digunakan yaitu *pre experimental desain* dengan *one group pre test – post test*. Pengambilan sampel menggunakan teknik *probability sampling* jenis *simple random sampling*, pengukuran sampel dihitung menggunakan teknik *solvin*. Sampel yang digunakan berjumlah 10 siswa dari kelas IV SD NU Al Falah Gajah, penelitian ini hanya menggunakan kelas eksperimen. Data dikumpulkan menggunakan wawancara terstruktur dan tes soal, uji coba instrumen yang digunakan adalah uji validitas dan uji reliabilitas, sedangkan analisis data menggunakan uji normalitas, uji homogenitas. Uji hipotesis menggunakan uji *t* dan uji *N-Gain*, berdasarkan hasil analisis data uji-*t* menggunakan taraf signifikansi 0,05. Dapat disimpulkan bahwa nilai $t_{hitung} > t_{tabel}$ ($12,284 > 1,833$), berarti H_0 ditolak dan H_a diterima dan berdasarkan uji *N-Gain* besar pengaruh yang didapatkan sebesar 35,7%. Maka dapat disimpulkan bahwa terdapat pengaruh yang signifikan pada penerapan model pembelajaran *Contextual Teaching and Learning (CTL)* terhadap hasil belajar matematika siswa kelas IV SD NU Al Falah Gajah Baureno Bojonegoro.

Kata Kunci: Model Pembelajaran *Contextual Teaching and Learning (CTL)*, Hasil Belajar, Matematika.

Iza Lailatul M, 2022. The Influence of Contextual Teaching and Learning (CTL) Learning Models on Mathematics Learning Outcomes in Circular Shapes for Students in Grade IV SD NU Al Falah Gajah Baureno Bojonegoro. Thesis, Elementary School Teacher Education Study Program, Faculty of Education, Trunojoyo University Madura. Supervisor: Ana Naimatul Jannah, S.Pd., M.Pd.

ABSTRACT

This study aims to determine the significant improvement in students' mathematics learning outcomes in circular shapes, through the application of the learning model contextual teaching and learning (CTL). This research is a quantitative research with experimental research type, the design used is pre-experimental design with one group pre-test - post-test. Sampling using probability sampling technique of simple random sampling, sample measurements are calculated using the Solvin Technique. The sample used was 10 students from class IV SD NU Al Falah Gajah, this study only used the experimental class. The data were collected using structured interviews and test questions, the test instruments used were validity tests and reliability tests, while data analysis used normality tests, homogeneity tests. Hypothesis testing using t-test and N-Gain test, based on the results of the t-test data analysis using a significance level of 0.05. It can be concluded that the value of $t_{count} > t_{table}$ ($12.284 > 1.833$), means that H_0 is rejected and H_a is accepted and based on the N-Gain test, the effect is 35,7%. So, it can be concluded that there is a significant effect on the application of the Contextual Teaching and Learning (CTL) learning model to the Class IV students of SD NU Al Falah Gajah Baureno's mathematics learning outcomes.

Keywords: *Contextual Teaching and Learning (CTL) Learning Model, Learning Outcomes, Mathematics.*