

ABSTRAK

Eriyanto, Ardelia Pratiwi. 2021. *Pengaruh Model Pembelajaran Problem Based Learning Terhadap Hasil Belajar Matematika Siswa Kelas VII*. Skripsi. Program Studi Pendidikan Matematika. Fakultas Sains dan Teknologi. Universitas PGRI Adi Buana Surabaya, Pembimbing : Restu Ria Wantika, S.Pd., M.Si.

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

Dalam pembelajaran matematika kreativitas siswa sangat dibutuhkan dalam menyelesaikan soal-soal yang melibatkan siswa agar aktif saat pembelajaran. Tujuan penelitian ini adalah untuk mengetahui adanya pengaruh model pembelajaran *Problem Based Learning* terhadap hasil belajar matematika siswa. Penelitian ini dilaksanakan secara daring (dalam jaringan) dikarenakan pada masa pandemi covid-19.

Jenis penelitian merupakan penelitian kuantitatif dengan metode penelitian eksperimen. Penelitian ini dilaksanakan di SMP Negeri 12 Surabaya pada tahun ajaran 2020/2021. Pemilihan sampel dilakukan dengan *purposive sampling*. Sampel pada penelitian ini yaitu kelas VII A sebagai kelas eksperimen dan kelas VII B sebagai kelas kontrol. Instrumen penelitian yang digunakan adalah instrumen tes hasil belajar siswa berupa *Posttest Only* sebanyak 5 soal uraian dengan materi Bentuk Aljabar. Uji analisis data pada penelitian ini menggunakan uji-t. Dari perhitungan tersebut diperoleh rata-rata hasil belajar matematika kelas eksperimen lebih besar dari rata-rata kelas kontrol dan hasil analisis data yang diperoleh $t_{hitung} > t_{tabel}$ atau $2,09 > 2,00$ sehingga H_0 ditolak yang berarti terdapat pengaruh model pembelajaran *Problem Based Learning* terhadap hasil belajar matematika siswa.

ABSTRACT

Eriyanto, Ardelia Pratiwi. 2021. *The Effect of Problem Based Learning Model on Mathematics Learning Outcomes of Class VII Students*. Undergraduate Thesis. Mathematics Education Departement. Faculty of Science and Technology. Universitas PGRI Adi Buana Surabaya, Advisor : Restu Ria Wantika, S.Pd., M.Si.

Keyword : *Problem Based Learning*, mathematics learning outcomes

In learning mathematics, students' creativity is needed in solving problems that involve students to be active during learning.

The purpose of this study was to determine the effect of the Problem Based Learning learning model on students' mathematics learning outcomes. This research was conducted online (in a network) due to the Covid-19 pandemic.

This type of research is a quantitative research with experimental research methods. This research was conducted at Junior High School 12 Surabaya in the 2020/2021 school year. The sample selection was carried out by purposive sampling. The sample in this study is class VII A as the experimental class and class VII B as the control class. The research instrument used was a test instrument for student learning outcomes in the form of Posttest Only as many as 5 questions in essay with the form of algebraic material. Test data analysis in this study using the t-test. From these calculations, it is obtained that the average mathematics learning outcomes of the experimental class are greater than the average of the control class and the results of data analysis obtained are $t_{count} > t_{table}$ or $2,09 > 2,00$ so that H_0 is rejected, which means that there is an effect of the Problem Based Learning model on student mathematics learning outcomes.