

ABSTRAK

Rafi, Rahmawati. 2021. *Pengaruh Model Problem Based Learning Dengan Media Google Classroom Terhadap Hasil Belajar Matematika di SMPN 4 Surabaya Tahun Pelajaran 2020-2021.* Skripsi. Program Studi Pendidikan Matematika. Fakultas Sains dan Teknologi. Universitas PGRI Adi Buana Surabaya. Pembimbing : Erna Puji Astutik, S.Si., M.Pd., M.Sc.

Kata Kunci : *Problem Based Learning, Google Classroom, Hasil Belajar Matematika.*

Penelitian ini dilatarbelakangi oleh kurangnya kemampuan siswa dalam menyelesaikan soal berbentuk cerita yang berkaitan dengan masalah sehari-hari, serta kesulitan menerapkan pembelajaran yang didapat ke dalam kehidupan sehari-hari khususnya pada pembelajaran matematika. Salah satu cara untuk mengatasi permasalahan ini adalah dengan menggunakan model *Problem Based Learning*. Penelitian ini dilaksanakan secara daring dikarenakan dilaksanakan pada masa pandemi covid-19. Tujuan penelitian ini adalah untuk mengetahui apakah ada pengaruh model pembelajaran *Problem Based Learning* dengan Media *Google Classroom* terhadap hasil belajar matematika di SMPN 4 SURABAYA. Penelitian ini menggunakan penelitian kuantitatif dengan jenis penelitian *quasi eksperimen*, yang dilaksanakan di SMPN 4 Surabaya pada tahun ajaran 2020-2021. Pemilihan sampel dilakukan dengan *simple random sampling*. Sampel pada penelitian ini kelas VII A sebagai kelas eksperimen dan kelas VII B sebagai kelas kontrol. Instrumen penelitian yang digunakan adalah instrumen tes hasil belajar berupa *Pre-tets Post-tets* sebanyak 3 soal uraian dengan materi Perbandingan. Uji analisis data pada penelitian ini menggunakan uji t. Berdasarkan analisis data menunjukkan bahwa rata-rata hasil belajar matematika kelas eksperimen lebih tinggi daripada kelas kontrol dan hasil analisis data yang diperoleh $t_{hitung} > t_{tabel}$ yaitu $2,43 > 1,98$ yang berarti terdapat perbedaan hasil belajar matematika antara siswa yang diajar dengan model pembelajaran dengan

*Problem Based Learning dengan media Google Classroom di SMPN
4 Surabaya Tahun Ajaran 2020-2021.*

ABSTRACT

Rafi, Rahmawati. 2021. *The Influence of the Problem Based Learning Model with Google Classroom Media on Mathematics Learning Outcomes at SMPN 4 Surabaya for the 2020-2021 Academic Year. Essay. Mathematics Education Study Program. Faculty of Science and Technology. Universitas PGRI Adi Buana Surabaya.* Advisor: Erna Puji Astutik, S.Si., M.Pd., M.Sc.

Kata Kunci : *Problem Based Learning, Google Classroom, Mathematics Learning Outcomes.*

This research was motivated by the lack of students' ability to solve problems in the form of stories related to daily problems, as well as the difficulty of applying the lessons learned into everyday life, especially in mathematics learning. One way to solve this problem is to use the Problem Based Learning model. This research was conducted online because it was carried out during the Covid-19 pandemic. The purpose of this study was to determine whether there was an effect of the Problem Based Learning learning model with Google Classroom Media on mathematics learning outcomes at SMPN 4 SURABAYA. This research uses quantitative research with the type of quasi-experimental research, which was carried out at SMPN 4 Surabaya in the 2020-2021 academic year. The sample selection is done by simple random sampling. The sample in this study was class VII A as the experimental class and class VII B as the control class. The research instrument used was a learning outcome test instrument in the form of 3 pre-tets post-tets with comparison material. Test data analysis in this study using the t-test. Based on the data analysis, it shows that the average mathematics learning outcomes of the experimental class are higher than the control class and the results of data analysis obtained by $t_{count} > t_{table}$ are $2,43 > 1,98$, which means that there are differences in mathematics learning outcomes between students who are taught using the Problem Based Learning model. Learning with Google Classroom media at SMPN 4 Surabaya for the 2020-2021 academic year.