

ABSTRAK

Alfi Khoiriyah, Rifatul 2021. Pengaruh *Problem Based Learning* (PBL) Dalam Pembelajaran Daring Terhadap Hasil Belajar Matematika Siswa Kelas VIII di SMPN 2 Krian. Skripsi. Program Studi Pendidikan Matematika. Fakultas Sains dan Teknologi. Universitas PGRI Adi Buana Surabaya, Pembimbing Drs Susilo Hadi, M.Pd.

Kata kunci : Hasil Belajar, *Problem Based Learning* (PBL), Sistem Persamaan Dua Variabel (SPLDV).

Dalam pembelajaran siswa sering kali mengalami kendala sulitnya memahami maksud pertanyaan yang diberikan oleh guru, oleh karena itu guru harus mampu memahami kesulitan yang dialami oleh siswa saat pembelajaran. Penggunaan model pembelajaran *Problem Based Learning* (PBL) melatih siswa untuk mengenal masalah dan mencari solusi terhadap masalah yang ditemukan.

Penelitian ini bertujuan untuk mengetahui adakah pengaruh model pembelajaran *Problem Based Learning* (PBL) terhadap hasil belajar siswa. Jenis penelitian ini adalah Kuantitatif. Bentuk desain dari penelitian yang digunakan adalah *one group pretest-posttest design*. Penelitian ini dilaksanakan di SMPN 2 Krian pada tahun ajaran 2020/2021. Pemilihan sampel dilakukan dengan *random sampling*. Sampel pada penelitian ini menggunakan kelas VIII A. Instrumen penelitian ini berupa *pretest-posttest* yang berbentuk 4 soal tes uraian, dengan materi Sistem Persamaan Linier Dua Variabel (SPLDV) yang diberikan melalui *WhatsApp group*. Uji analisis data pada penelitian ini menggunakan uji-t. Berdasarkan analisis data menunjukkan bahwa rata-rata kemampuan hasil belajar siswa nilai posttest lebih tinggi dari pada nilai pretest, dan hasil analisis data yang diperoleh $t_{hitung} > t_{tabel}$ atau $16,78 > 1,99$. Sehingga H_0 ditolak yang berarti terdapat pengaruh PBL (*Problem Based Learning*) terhadap hasil belajar Matematika siswa.

ABSTRACT

Alfi Khoiriyah, Rifatul 2021. The influence of Problem Based Learning (PBL) in online learning on mathematics learning outcomes class students of VIII-A at SMPN 2 Krian. Undergraduate thesis. Mathematics Education Departement. Faculty Of Scienc And Tecnology. University PGRI Adi Buana Surabaya. Advisors : Drs. Susilo Hadi, M.Pd.

Keywords : Learning outcomes, Problem Based Learning (PBL), SPLDV.

In the learning process, the students often having difficulties in understanding the meaning of the questions given by the teacher, there fore the teacher must be able to understand the difficulties experienced by students during the learning process. Using Prpblem Based Learning (PBL) learning model trains students to recognize problems and find solutions of the problem.

This study aims to determine whether was an affect of PBL (Problem Based Learning) learning model on student learning outcomes. This type of research was quantitative the design form of the research used is one group pretest-posttest design. This sereach was conducted at SMPN 2 Krian in the 2020/2021 Schol year. Sample selection is done by random sampling. The sample of this study used class VIII A. The sample in this research instrument was a pretest-posttest in the four of essay test quastions, with the material of the two variabel linier equation system (SPLDV) provided through the WhatsApp Group. Test data analysisin this study using the t-test. Based on the analysis, it showed that the average student learning aoucomes ability in the posttest scores are higher than pretest scores, and the results of the analisis obtained $t_{count} > t_{table}$ or $17,78 > 1,99$. So H_0 is rejected, which means that ther is an effect of Problem Based Lerning (PBL) on students Mathematics learning outcomes.