

ABSTRAK

Anisah, Khoirul. 2019. Penerapan Model Pembelajaran *Problem Based Learning* Pada Mata Pelajaran Matematika Untuk Siswa SMP Negeri 43 Surabaya. Program Studi Pendidikan Matematika. Fakultas Keguruan dan Ilmu Pendidikan. Universitas PGRI Adi Buana Surabaya. Pembimbing Erlin Ladyawati, S.Pd.,M.Pd.,

Kata Kunci : Pembelajaran Matematika dan model pembelajaran *Problem Based Learning* (PBL)

Matematika memiliki peranan penting dalam segala aspek kehidupan terutama dalam meningkatkan daya pikir manusia, akan tetapi masih banyak permasalahan yang sering dihadapi bangsa Indonesia dalam pendidikan adalah lemahnya siswa dalam memahami konsep untuk memecahkan suatu masalah. Oleh karena itu diperlukan model pembelajaran yang dapat meningkatkan kemampuan pemecahan masalah yaitu model *Problem Based Learning*. Adapun tujuan dilakukannya penelitian ini adalah untuk mendeskripsikan aktivitas siswa selama pembelajaran penerapan model *Problem Based Learning* dan mendeskripsikan hasil belajar dan respon siswa setelah diterapkan model *Problem Based Learning*.

Jenis pendekatan penelitian ini adalah pendekatan kuantitatif. Populasi dalam penelitian ini adalah siswa kelas VIII di SMP Negeri 43 Surabaya. Sampel dalam penelitian adalah siswa kelas VIII D yang diambil dengan menggunakan *Cluster Random sampling*. Teknik pengumpulan data dilakukan dengan lembar observasi, tes dan angket.

Hasil penelitian adalah aktivitas siswa kelas VIII D selama menerapkan model pembelajaran *Problem Based Learning*. Pada pembelajaran dinyatakan aktif. Hasil belajar siswa kelas VIII D setelah menerapkan *Problem Based Learning* pada pembelajaran matematika dikatakan tuntas secara klasikal. Respon siswa kelas VIII D setelah menerapkan model pembelajaran *Problem Based Learning* pada pembelajaran matematika dinyatakan positif.

ABSTRACT

Anisah, Khoirul. 2019. Implementation *Problem Based Learning* Model on Mathematics Lesson for SMPN 43 Junior High School Surabaya Student. Department of Mathematics Education. University of PGRI Adi Buana Surabaya. Advisor Erlin Ladyawati, S.Pd., M.Pd.

Keywords: Mathematics Lesson and *Problem Based Learning* (PBL) Model

Mathematics has an important role in the life and can enhance human thought. However, there are many problems that are often faced by the Indonesian people in education world, such as the weakness of students in understanding concepts to solve problems. Therefore, the *Problem Based Learning* model is needed to improve the ability to solve problems. The purpose of this study, to describe student activities, student learning outcomes and student responses in the process of applying the *Problem Based Learning* model.

The approach of this study used quantitative research. The population in this study were VIII th grade students of SMPN 43 Junior High School Surabaya. The sample in this study was from VIII D grade students by using *Cluster Random sampling*. Data collection techniques were carried out by observation sheets, tests and questionnaires.

The results of the study were the activities of class VIII D students while applying the Problem Based Learning learning model. The learning is declared active. The learning outcomes of class VIII D students after applying Problem Based Learning to mathematics learning are said to be completed in a classical manner. The response of class VIII D students after applying the Problem Based Learning learning model to mathematics learning was stated positively.