

ABSTRAK

Farhan, Moch. 2020. Efektivitas Model Pembelajaran Problem Based Learning (PBL) Terhadap Kemampuan Literasi Matematika Siswa Kelas 5 SDN Gayungan II Surabaya. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar. Fakultas Keguruan dan Ilmu Pendidikan. Universitas PGRI Adi Buana Surabaya. Pembimbing (1) Dr. Rarasaning Satianingsih, S. E., M. Pd. (2) Via Yustitia, S.Pd., M.Pd.

Kata kunci : Model Problem Based Learning, Kemampuan Literasi Matematika.

Penelitian ini dilatar belakangi dengan harapan siswa menguasai kemampuan literasi matematika. Literasi matematika ini mampu mempermudah seseorang dalam memahami kegunaan matematika dan menerapkannya dalam kehidupan sehari-hari untuk membuat sebuah keputusan yang tepat. Namun kenyataannya berdasarkan hasil PISA tahun 2018, Indonesia mengalami penurunan hasil tes Kemampuan Literasi Matematika.

Penelitian ini bertujuan untuk mengetahui: (1) Kemampuan literasi matematika siswa kelas eksperimen yang diajar melalui PBL lebih baik daripada kelas kontrol; (2) Aktivitas siswa kelas 5 yang diajar dengan menggunakan model Problem Based Learning; (3) Guru mampu melaksanakan pembelajaran menggunakan model pembelajaran Problem Based Learning. Penelitian ini termasuk penelitian kuantitatif. Desain yang digunakan quasi experimental design tipe Post-test only. Penelitian ini menggunakan skala interval. Populasinya adalah peserta didik kelas 5 SDN Gayungan II Surabaya. Sampel diambil dengan teknik cluster random sampling sehingga didapatkan kelas 5-B (kelas kontrol) dan 5-A (kelas eksperimen). Teknik pengumpulan data yang digunakan yaitu metode tes yang dianalisis dengan SPSS 22; observasi aktivitas siswa dan aktivitas guru dengan deskriptif; dan dokumentasi.

Hasil penelitian menunjukkan, bahwa: (1) Kemampuan literasi siswa kelas eksperimen yang diajar melalui PBL lebih baik daripada kelas

ABSTRACT

Farhan, Moch. 2020. Effectiveness of the Problem Based Learning (PBL) Model Against the Mathematical Literacy Ability of Class 5 Students at SDN Gayungan II Surabaya. Thesis. Primary School Teacher Education Program. Faculty of Teacher Training and Education. PGRI Adi Buana University Surabaya. Advisors (1) Dr. Rarasaning Satianingsih, S. E., M. Pd. (2) Via Yustitia, S.Pd., M.Pd.

Keywords: Problem Based Learning Model, Mathematics Literacy Ability.

This research is motivated by the hope of students mastering mathematical literacy skills. Mathematical literacy is able to facilitate a person in understanding the usefulness of mathematics and applying it in everyday life to make a right decision. But in reality, based on the results of PISA 2018, Indonesia was decreased in result of The Mathematical Literacy Ability Test. This study aims to determine: (1) The average literacy ability of experimental class students taught through PBL is better than the control class; (2) Class 5 student activities taught using the Problem Based Learning model, (3) Teachers are able to carry out learning using the Problem Based Learning learning model.

This research is a quantitative research. The design used is quasi experimental design type Post-test only. This research uses interval scale. The population is grade 5 students of SDN Gayungan II Surabaya. Samples were taken by cluster random sampling technique so that class 5-B (control class) and 5-A (experimental class) were obtained. Data collection techniques used were test methods analyzed with SPSS 22; observation of activities and implementation with descriptive; and documentation.

The results showed that: (1) The average literacy ability of the experimental class students taught through PBL was better than the control class; (2) Student activities get very active categories; (3) The implementation of learning using the PBL model gets the Good category.