

Nofiyatul Fijriyah. 2016. *Pengaruh Penerapan Model Pembelajaran Problem Based Learning Terhadap Hasil Belajar Siswa Pada Materi Kesebangunan Dan Simetri Mata Pelajaran Matematika Siswa Kelas V SDN Pademawu Timur 2 Pamekasan*. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing I: Ariesta Kartika Sari, S.Si., M.Pd. Pembimbing II: Moh. Edy Nurtamam, S.Pd., M.Si.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengaruh penerapan model pembelajaran *Problem Based Learning* terhadap hasil belajar siswa pada materi kesebangunan dan simetri mata pelajaran matematika pada siswa kelas V SDN Pademawu Timur 2. Penelitian ini menggunakan metode kuantitatif dengan desain penelitian *Quasi Experimental* jenis *Nonequivalent Control Group Design*. Sampel yang digunakan dalam penelitian ini sebanyak 35 siswa dengan menggunakan teknik sampling jenuh. Pengumpulan data menggunakan instrument tes hasil belajar siswa, lembar observasi dan angket. Hasil Penelitian menunjukkan bahwa rata-rata nilai rata-rata *pretest* dan *posttest* kelas eksperimen yaitu 44 dan 76. Uji Regresi Linier Sederhana menunjukkan model pembelajaran *problem based learning* dapat meningkatkan hasil belajar siswa sebesar 76. Berdasarkan hasil uji hipotesis diperoleh $t_{hitung} = 3,82 > t_{tabel} = 2,445$, maka H_0 ditolak, artinya terdapat pengaruh yang signifikan model pembelajaran *problem based learning* terhadap hasil belajar siswa. Hasil observasi aktivitas guru secara klasikal memperoleh rata-rata 86% dengan kategori sangat baik. Hasil observasi aktivitas siswa secara klasikal memperoleh rata-rata 83,97% dengan kategori sangat baik. Hasil angket respon siswa secara klasikal berkategori sangat baik sebesar 89%.

Kata kunci : *Problem Based Learning*, Kesebangunan dan Simetri.

Nofiyatul Fijriyah. 2016. *The Effect of the Implementation of Model Problem Based Learning on the Material of Congruency and Symmetry Mathematics Subject in Fifth Grade SDN Pademawu Timur 2 Pamekasan*. Thesis, Elementary School Teacher Education Study Program, Faculty of Education, University of Trunojoyo Madura. Advisor I: Ariesta Kartika Sari, S.Si., M.Pd. Advisor II: Moh. Edy Nurtamam, S.Pd., M.Si.

ABSTRACT

This research aims to know the influence of the application model of Problem Based Learning on the congruent and symmetry material of mathematics in *Fifth Grade SDN Pademawu Timur 2 Pamekasan*. This study uses a quantitative research with research design *Quasi Experimental* with types *Nonequivalent Control Group Design*. The sample that used in this research were 35 students. The sampling technique that used in this research was saturated sampling. Collecting data using student achievement test, observation sheets and questionnaire. The test of simple linear regression shows that problem based learning can increase students' achievement as 76. Based on the results of hypothesis testing gained $t_{arithmetic} = 3,82 > t_{tabel} = 2,445$, then H_0 is rejected, meaning that there is significant influence of model learning of *problem based learning* on student learning outcomes. From the result of the observation of teachers activities get a percentage of 86% with a very good category. From the result of the observation of students' activities, it is gained get a percentage of 83,97% with a very good category. The results of the questionnaire responses of student get a percentage of 89% with a very good category

Keywords: Problem Based Learning, Congruency and Symmetry