

ABSTRAK

Nuha, Zulfa, Ulin. 2017. *Pengaruh Model Pembelajaran Problem Based Learning Terhadap Hasil Belajar Siswa Pada Mata Pelajaran Perakitan Komputer Di SMKN 2 Bangkalan*. Skripsi, Program Studi Pendidikan Informatika, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura.

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Kata-kata Kunci : *Problem Based Learning, Perakitan Komputer, Pencarian Kesalahan Dasar pada Komputer, Hasil Belajar*

Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran *Problem Based Learning* terhadap hasil belajar siswa pada mata pelajaran perakitan komputer di SMKN 2 Bangkalan. Materi pada penelitian ini yaitu pencarian kesalahan dasar pada komputer di kelas X RPL-1 dan RPL-2. Penelitian ini menggunakan metode kuantitatif dengan desain penelitian *Quasi Experimental* jenis *Nonequivalent Control Group Design*. Sampel yang digunakan dalam penelitian ini sebanyak 50 siswa dengan menggunakan teknik *sampling Jenuh*. Pengumpulan data menggunakan tes hasil belajar siswa, lembar observasi dan angket. Hasil penelitian menunjukkan bahwa rata-rata nilai *pretest* dan *Posttest* kelas eksperimen yaitu 42,8 dan 85,2. Uji Regresi Linier sederhana menunjukkan model pembelajaran *Problem Based Learning* dapat meningkatkan hasil belajar siswa sebesar 85,2. Berdasarkan hasil uji hipotesis diperoleh $t_{hitung} = 7,698 > t_{tabel} = 2,069$, 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 84% dengan katagori sangat baik. Hasil observasi aktivitas siswa secara klasikal memperoleh rata-rata 84,7% dengan katagori sangat baik. Hasil angket respon siswa secara klasikal berkatagori sangat baik sebesar 85,6%.

ABSTRACT

Nuha, Zulfa, Ulin. 2017. *The Effect of Model Problem Based Learning of student learning output on the Computer assembly subjects in SMKN 2 Bangkalan*. Thesis, Study Program of Informatics Education. Faculty of Education, University of Trunojoyo Madura.

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Keywords : Problem Based Learning, Computer assembly, earching for Basic Errors on Computers, Learning Output

This research aims to know the influence of the model of Problem Based Learning of student learning output on the computer assembly subjects in SMKN 2 Bangkalan. The material in this research is basic error search on computer in class X RPL-1 and RPL-2. 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 50 students. The sampling teknik that used in this research was sampling jenuh. Collecting data using student achievement test, observation sheets and questionnaire. The results showed that the average pretest and posttest grade experimental classes were 42,8 and 85,2. The test of simple linear regression shows that problem based learning can increase students' achievement as 85,2. Based on the results of hypothesis testing gained $t_{\text{arithmetic}} = 7,698 > t_{\text{tabel}} = 2,069$, 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 84% with a very good category. From the result of the observation of students' activities, it is gained get a percentage of 84,7% with a very good category. The results of the questionnaire responses of student get a percentage of 85,6% with a very good categor.