

Nurus Sabila Agestine. 2023. Efektivitas Model Pembelajaran *Problem Based Learning* Berorientasi Kurikulum Merdeka Siswa Kelas X TJKT SMK Miftahul Qulub. Skripsi, Program Studi Pendidikan Informatika, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing : Puji Rahayu Ningsih, S.Pd., M.Pd.

ABSTRAK

Rendahnya partisipasi siswa dalam kegiatan pembelajaran dapat disebabkan oleh kurang tepatnya pemilihan model pembelajaran yang digunakan oleh guru. Penelitian ini bertujuan untuk mengetahui efektivitas model pembelajaran *problem based learning* pada mata pelajaran dasar dasar teknik jaringan komputer dan telekomunikasi terhadap hasil belajar siswa kelas X TKJ di SMK Miftahul Qulub Pamekasan. Jenis penelitian ialah penelitian kuantitatif menggunakan metode eksperimen berbentuk *Quasi Experimental Design*. Berdasarkan hasil penelitian, diperoleh : (1) Hasil belajar siswa kelas eksperimen lebih tinggi dengan rata-rata 78,83 sedangkan rata-rata kelas kontrol yaitu 76,67; (2) keterlaksanaan pembelajaran selama 2 pertemuan memperoleh nilai rata-rata 95,77 dengan kategori sangat baik; (3) aktivitas siswa selama 2 pertemuan memperoleh rata-rata 86,6 dengan kategori baik; (4) respon siswa yang didapat 88,5% dengan kategori kuat. Peningkatan hasil belajar siswa kelas eksperimen *pretest* ke *posttest* melalui uji gain sebesar 0,695 dengan kategori sedang. Berdasarkan indikator efektivitas, keempatnya sudah terlaksana. Pada uji-t diperoleh hasil t_{hitung} sebesar 2,1593 dan t_{tabel} sebesar 2,002 dengan taraf signifikan 0,05, $t_{hitung} > t_{tabel}$ sehingga H_0 ditolak yaitu terdapat perbedaan hasil belajar kelas yang menggunakan model pembelajaran *problem based learning* dengan kelas yang tidak menggunakan model pembelajaran *problem based learning*. Sehingga pembelajaran menggunakan model pembelajaran *problem based learning* dikatakan “efektif” digunakan pada siswa kelas X TKJ di SMK Miftahul Qulub Pamekasan.

Kata Kunci : Efektivitas, *Problem Based Learning*, Hasil Belajar, TKJ

Nurus Sabila Agestine. 2023. *The Effectiveness of the Independent Curriculum-Oriented Problem-Based Learning Model for Class X TJKT Students of SMK Miftahul Qulub*. Thesis, Informatics Education Study Program, Faculty of Education, Trunojoyo University, Madura. Advisor : Puji Rahayu Ningsih, S.Pd., M.Pd

ABSTRACT

The low participation of students in learning activities can be caused by the inappropriate selection of the learning model used by the teacher. This study aims to determine the effectiveness of the problem-based learning model in the basic subjects of computer network and telecommunications techniques on student learning outcomes in class X TKJ at SMK Miftahul Qulub Pamekasan. This type of research is quantitative research using experimental methods in the form of Quasi Experimental Design. Based on the research results, it was obtained: (1) The experimental class student learning outcomes were higher with an average of 78.83 while the control class average was 76.67; (2) learning implementation during 2 meetings obtained an average score of 95.77 in the very good category; (3) student activity during 2 meetings obtained an average of 86.6 in the good category; (4) student responses obtained 88.5% with a strong category. The increase in student learning outcomes from pretest to posttest experimental class through a gain test of 0.695 in the medium category. Based on effectiveness indicators, all four have been implemented. In the t-test, the results obtained were tcount of 2.1593 and ttable of 2.002 with a significant level of 0.05, tcount > ttable so that Ho was rejected, that is, there were differences in class learning outcomes that used the problem based learning model and classes that did not use the problem based learning model. So learning using the problem-based learning model is said to be "effective" used in class X TKJ students at SMK Miftahul Qulub Pamekasan.

Keywords: *Effectiveness, Problem Based Learning, Learning Outcomes, TKJ*