

Clarizza Azzahra Mudya Putri. 2023. *Pengaruh Model Pembelajaran Pbl Pada Materi Perkembangan Teknologi Terhadap Pengambilan Keputusan Siswa*. Skripsi, Program Studi Pendidikan Informatika, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Dr. Sigit Dwi Saputro, S.Pd., M.Pd.

ABSTRAK

Tujuan dilakukan penelitian ini yaitu: 1) mengetahui keterlaksanaanya model *problem based learning* pada materi perkembangan teknologi terhadap pengambilan keputusan siswa; 2) mengetahui pengaruh model *problem based learning* pada materi perkembangan teknologi terhadap pengambilan keputusan siswa. Penelitian ini merupakan penelitian kuantitatif yang menggunakan *Quasi Exsperimental Design* dengan desain penelitian *Nonequivalest Control Grup Design*. Populasi dalam penelitian ini adalah seluruh siswa kelas X TJKT SMKN 2 Bangkalan, pengambilan sampel menggunakan teknik *nonprobability sampling* dengan jenis sampel jenuh yaitu kelas X TJKT yang berjumlah 68 siswa. Pengumpulan data berupa instrumen tes, observasi, dan angket. Berdasarkan hasil penelitian diperoleh, (1) Keterlaksanaan pembelajaran ini berdasarkan observasi aktivitas guru memperoleh presentase 98,40% berkategori “Sangat Baik” dan observasi aktivitas siswa memperoleh presentase 85,53%, berkategori “Sangat Baik”. (2) Model *problem based learning* berpengaruh terhadap pengambilan keputusan siswa, hal ini ditunjukkan dengan hasil uji signifikan diperoleh nilai $t_{hitung} = 10,290 > t_{tabel} = 2,064$ disimpulkan bahwa model *problem based learning* berpengaruh terhadap pengambilan keputusan siswa pada materi perkembangan teknologi di SMKN 2 Bangkalan.

Kata kunci : *problem based learning*, pengambilan keputusan, perkembangan teknologi

Clarizza Azzahra Mudya Putri. 2023. *The Effect of the PBL Learning Model on the Material of Technology Development on Student Decision Making*. Thesis, Informatics Education Study Program, Faculty of Education, Trunojoyo University, Madura. Supervisor: Dr. Sigit Dwi Saputro, S.Pd., M.Pd.

ABSTRACT

The aims of this research were: 1) to find out the implementation of the problem-based learning model on technological development material on student decision making; 2) determine the effect of the problem based learning model on technological development material on student decision making. This research is a quantitative study using a Quasi Experimental Design with the Nonequivalent Control Group Design. The population in this study were all students of class X TJKT SMKN 2 Bangkalan, taking samples using a non-probability sampling technique with a saturated sample type, namely class X TJKT, totaling 68 students. Data collection is in the form of test instruments, observations, and questionnaires. Based on the research results obtained, (1) the implementation of this learning is based on observations of teacher activities obtaining a percentage of 98.40% in the "Very Good" category and observations of student activities obtaining a percentage of 85.53%, in the "Very Good" category. (2) The problem based learning model influences student decision making, this is indicated by the significant test results obtained by $t_{count} = 10.290 > t_{table} = 2.064$. It is concluded that the problem based learning model influences student decision making in the material of technological development at SMKN 2 Bangkalan.

Keywords: *problem based learning, decision making, technological development*