

ABSTRAK

Tri Cahya Salam, Yogi. 2017. *Efektivitas penerapan model pembelajaran problem based instruction pada materi cascading style sheet kelas x TKJ di SMK Negeri 1 Labang*. Skripsi, Program Studi Pendidikan Informatika, Program Sarjana Universitas Trunojoyo Madura. Pembimbing: (I) Ariesta Kartika Sari, S.Si., M.Pd. dan (II) Wanda Ramansyah, S.Pd., M.Pd.

Kata– kata Kunci : Efektivitas, Model *Problem Based Instruction*, Materi *Cascading Style Sheet*.

Penelitian ini bertujuan untuk mengetahui efektivitas model pembelajaran *problem based instruction (PBI)* pada materi *cascading style sheet (CSS)* kelas X TKJ di SMK Negeri 1 Labang. Penelitian ini merupakan penelitian kuantitatif yang menggunakan desain quasi eksperimental design. Pengambilan data menggunakan instrumen tes berupa pilihan ganda, analisis data menggunakan ketuntasan belajar siswa, uji-t dan uji gain. Kelas eksperimen diterapkan model *PBI*.

Hasil penelitian yang diperoleh yaitu ketuntasan belajar siswa kelas eksperimen mencapai 81%. Hasil belajar siswa kelas eksperimen lebih baik dibandingkan dengan hasil belajar kelas kontrol, dibuktikan dengan uji-t yaitu t_{hitung} 4,306 lebih besar daripada t_{tabel} 1,697. Aktivitas Siswa tergolong aktif dengan persentase 73% dan aktivitas guru termasuk kategori “sangat baik” dengan persentase 94%, didukung dengan keterampilan guru mencapai persentase 92% dengan kategori sangat baik. Respon siswa terhadap pembelajaran adalah baik dengan persentase 77%. Sehingga dapat disimpulkan model *PBI* efektif pada mata pelajaran pemrograman web materi CSS di kelas 10 TKJ SMK Negeri 1 Labang.

ABSTRACT

Tri Cahya Salam, Yogi. 2017. *The effectiveness application problem based instruction through in cascading style sheet topic on X TKJ in SMKN 1 Labang*. Informatics Education Study Program, Bachelor Degree of University of Trunojoyo Madura. advisor: (I) Ariesta Kartika Sari, S.Si., M.Pd. and (II) Wanda Ramansyah, S.Pd., M.Pd.

Keywords: *Effectiveness, Problem Based instruction Model, Cascading Style Sheet.*

The purpose of this research is to know the effectiveness of the problem based on the instruction (pbi) learner model at cascading style sheet (css). The study case is in X Tkj class SMKN 1 Labang. This analysis used quantitative research which used the quasi experimental design. The data is taken by using instrument form multiple choice. The analysis of the data uses completeness student learning *uji-t* and *uji gain*. Experiment class applied *pbi* model.

The result of this research shows mastery of student learning experiment class reached 81 %. The result mastery of student learning experiment class is better than the result of control class. It can be proved by using *uji-t* that is t_{hitung} 4,306 greater than t_{tabel} 1,607. The student activity classified active which percentage 73% and teacher activity included “very good” category which percentage 94 % supported teacher skill reached 92% in very good category. The respond of the students toward learner is good which shows 77% percentage. So, it can be concluded *pbi* model is effective in programming web material css in 10 tkj class SMKN 1 Labang