

ABSTRAK

RASTY SUTISNAWINATI : “Pengaruh Model *Problem Based Learning* (PBL) Berbantu Media Audio Visual Terhadap Peningkatan Kemampuan Berpikir Kritis Siswa pada Materi Perubahan Lingkungan”.

Pembelajaran abad 21 mendorong siswa untuk menguasai berbagai keterampilan, salah satunya yaitu keterampilan berpikir kritis yang dapat ditingkatkan melalui pembelajaran menggunakan model *Problem Based Learning* (PBL). Penelitian ini bertujuan untuk menganalisis pengaruh model *Problem Based Learning* (PBL) berbantu media audio visual terhadap peningkatan kemampuan berpikir kritis siswa pada materi perubahan lingkungan. Pendekatan dalam penelitian ini menggunakan pendekatan kuantitatif dan metode yang digunakan adalah *quasi eksperiment* dengan *non-equivalent control group design*. Penelitian ini dilaksanakan di kelas X-E7 dan X-E8 dengan jumlah siswa 36 orang di pilih melalui teknik *purposive sampling*. Hasil penelitian menunjukkan bahwa keterlaksanaan pembelajaran menggunakan model *Problem Based Learning* (PBL) diperoleh nilai 94% pada kinerja guru dan 94% pada aktivitas siswa. Peningkatan kemampuan berpikir kritis siswa pada kelas eksperimen dan kelas kontrol diperoleh nilai *N-Gain* sebesar 0,58 kriteria “sedang” dan 0,36 kriteria “rendah”. Hasil uji hipotesis menunjukkan bahwa nilai Sig. (2-tailed) sebesar $0,000 < 0,05$ (H_0 ditolak dan H_1 diterima) yang artinya terdapat perbedaan kemampuan berpikir kritis siswa pada materi perubahan lingkungan dengan dan tanpa model *Problem Based Learning* (PBL) berbantu media audio visual. Hasil respon siswa terhadap pembelajaran dengan dan tanpa menggunakan model PBL berbantu media audio visual diperoleh nilai sebesar 83% (sangat baik) dan 77,7% (baik). Berdasarkan penelitian yang telah dilakukan, dapat disimpulkan bahwa model *Problem Based Learning* (PBL) berbantu media audio visual berpengaruh positif dan signifikan terhadap peningkatan kemampuan berpikir kritis siswa pada materi perubahan lingkungan.

Kata Kunci : Kemampuan Berpikir Kritis, Media Audio Visual, Model *Problem Based Learning* (PBL), Perubahan Lingkungan.

ABSTRACT

RASTY SUTISNAWINATI: *"The Effect of Problem Based Learning (PBL) Model Assisted by Audio Visual Media on Improving Students' Critical Thinking Skills on Environmental Change Material".*

21st century learning encourages students to master various skills, one of which is critical thinking skills that can be improved through learning using the Problem Based Learning (PBL) model. This study aims to analyze the effect of the Problem Based Learning (PBL) model assisted by audio visual media on improving students' critical thinking skills on environmental change material. The approach in this study uses a quantitative approach and the method used is a quasi-experiment with a non-equivalent control group design. This study was conducted in classes X-E7 and X-E8 with 36 students selected through a purposive sampling technique. The results of the study showed that the implementation of learning using the Problem Based Learning (PBL) model obtained a value of 94% on teacher performance and 94% on student activity. The increase in students' critical thinking skills in the experimental and control classes obtained an N-Gain value of 0.58 "moderate" criteria and 0.36 "low" criteria. The results of the hypothesis test showed that the Sig. value. (2-tailed) of $0.000 < 0.05$ (H_0 is rejected and H_1 is accepted) which means that there is a difference in students' critical thinking skills on environmental change material with and without the Problem Based Learning (PBL) model assisted by audio-visual media. The results of student responses to learning with and without using the PBL model assisted by audio-visual media obtained a value of 83% (very good) and 77.7% (good). Based on the research that has been conducted, it can be concluded that the Problem Based Learning (PBL) model assisted by audio-visual media has a positive and significant effect on improving students' critical thinking skills on environmental change material.

Keywords : *Critical Thinking Skills, Audio Visual Media, Problem Based Learning (PBL) Model, Environmental Change.*