

## ABSTRAK

**SOPHIA DEWI AZ-ZAHRA:** Pengaruh Model Pembelajaran *Double Loop Problem Solving* (DLPS) Berbantu Media *Nearpod* Terhadap Keterampilan Berpikir Kritis Siswa Pada Materi Perubahan Lingkungan.

Pembelajaran di abad 21 menuntut siswa untuk menghadapi masalah-masalah yang terstruktur serta konsep-konsep abstraksi yang cukup tinggi sehingga dibutuhkan suatu keterampilan dalam berpikir salah satunya keterampilan berpikir kritis. Maka dari itu penelitian ini dilakukan sebagai bentuk inovasi dalam meningkatkan kualitas pembelajaran serta pentingnya keterampilan berpikir kritis bagi siswa melalui pembelajaran dengan menggunakan model *Double Loop Problem Solving* (DLPS). Pendekatan dalam penelitian ini menggunakan pendekatan kuantitatif dengan jenis penelitian eksperimen semu serta memiliki tujuan untuk mengetahui pengaruh model pembelajaran *Double Loop Problem Solving* (DLPS) berbantu media *nearpod* terhadap keterampilan berpikir kritis siswa pada materi perubahan lingkungan. Metode penelitian yang digunakan adalah *non-equivalent pretest posttest control group design* dengan teknik pengambilan sampel purposive sampling di MAN 2 Kota Bandung. Sampel yang digunakan, yaitu kelas X MIPA 2 sebagai kelas eksperimen dan X MIPA 3 sebagai kelas kontrol. Hasil dalam penelitian ini, yaitu persentase rata-rata keterlaksanaan aktivitas guru dan siswa sebesar 97% setelah menggunakan model pembelajaran *Double Loop Problem Solving* (DLPS) berbantu media *nearpod* pada materi perubahan lingkungan. Adanya peningkatan keterampilan berpikir kritis siswa pada kelas eksperimen dibuktikan dengan hasil uji N-Gain sebesar 0,551 dengan kategori sedang. Hasil uji hipotesis mann whitney menunjukkan bahwa  $H_0$  ditolak sementara  $H_1$  diterima karena peroleh nilai Asymp. Sig (2-tailed) sebesar  $0,00 < 0,05$  yang berarti model *Double Loop Problem Solving* (DLPS) berbantu media *nearpod* berpengaruh signifikan terhadap keterampilan berpikir kritis siswa pada proses pembelajaran materi perubahan lingkungan. Respon siswa terhadap proses pembelajaran model *Double Loop Problem Solving* (DLPS) berbantu media *nearpod* pada materi perubahan lingkungan memberikan respon positif dengan rata-rata kerlaksanaan sebesar 77% dengan interpretasi kuat.

**Kata Kunci:** Keterampilan berpikir kritis, Model *Double Loop Problem Solving* (DLPS), media *nearpod*, perubahan lingkungan.

## ABSTRACT

**SOPHIA DEWI AZ-ZAHRA:** *The Effect of Double Loop Problem Solving (DLPS) Learning Model Assisted with Nearpod Media on Students' Critical Thinking Skills in Environmental Change Materials.*

*Learning in the 21<sup>st</sup> century requires students to deal with structured problems and high enough of concept abstraction. Students need a skill of thinking which is critical thinking skills. Therefore this research was conducted as a form of innovation in improving the quality of learning and the importance of critical thinking skills for students through learning using the Double Loop Problem Solving (DLPS) model. The research approach used a quantitative approach with a quasi-experimental research type which has the aim of knowing the effect of the Double Loop Problem Solving (DLPS) learning model assisted by Nearpod media on students' critical thinking skills in environmental change material. The research method used was a non-equivalent pretest posttest control group design with a purposive sampling technique at MAN 2 Bandung City. The samples used were class X MIPA 2 as the experimental class and X MIPA 3 as the control class. The results in this study, namely the average percentage of teacher and student activity implementation of 97% after using the Double Loop Problem Solving (DLPS) learning model assisted by Nearpod media on environmental change material. The results of students critical thinking skills in the experimental class with an average N-Gain of 0,551 indicated the medium category. The results of the Mann Whitney hypothesis test show that  $H_0$  is rejected while  $H_1$  is accepted due to the Asymp value. Sig (2-tailed) of  $0.00 < 0.05$ . Based on the results of this study, the Double Loop Problem Solving (DLPS) model assisted by nearpod media has a significant effect on students' critical thinking skills in the learning process of environmental change material. Student responses to the learning process of the Double Loop Problem Solving (DLPS) model assisted by nearpod media on environmental change material gave a positive response with an average implementation of 77% with a strong interpretation.*

**Keywords:** *Critical thinking skills, Double Loop Problem Solving (DLPS) Model, nearpod media, environmental change*



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