

ABSTRAK

SELA FAHRUNNISA: “Pengaruh Model Pembelajaran *Connecting, Organizing, Reflecting, dan Extending* (CORE) Berbantu Media Nearpod Terhadap Kemampuan Berpikir Kritis Siswa Materi Sistem Saraf”

Kemampuan berpikir kritis merupakan aspek yang harus dimiliki oleh siswa untuk mencapai tujuan pembelajaran. Penelitian ini bertujuan untuk menganalisis pengaruh model pembelajaran CORE berbantu media Nearpod terhadap kemampuan berpikir kritis siswa pada materi sistem saraf. Metode yang digunakan yaitu penelitian *quasy eksperimen*. Data disebarkan melalui pemberian instrumen berupa lembar observasi, tes kemampuan berpikir kritis, dan angket respon siswa. Hasil penelitian menunjukkan keterlaksanaan aktivitas guru dan aktivitas siswa memperoleh kriteria sangat baik. Kemampuan berpikir kritis siswa memperoleh nilai *N-Gain* pada kelas eksperimen 0,70 dengan kriteria tinggi, sedangkan pada kelas kontrol memperoleh nilai *N-Gain* sebesar 0,64 dengan kriteria sedang. Pengaruh yang dianalisis menggunakan serangkaian uji statistik di antaranya uji normalitas, uji homogenitas, dan uji hipotesis. Hasil penelitian menunjukkan bahwa penggunaan model pembelajaran CORE berbantu media Nearpod berpengaruh terhadap kemampuan berpikir kritis siswa pada materi sistem saraf dengan nilai Sig. (*2-tailed*) $0,018 < 0,05$ yang berarti H_0 ditolak dan H_1 diterima. Adapun hasil uji *cohen's effect size* besaran pengaruh pada model pembelajaran CORE terhadap kemampuan berpikir kritis siswa memiliki pengaruh efek sedang dengan nilai 0,594. Respon siswa terhadap pembelajaran menggunakan model CORE berbantu media Nearpod memperoleh persentase 72,34 dengan kriteria baik.

Kata Kunci: Aplikasi Nearpod, Kemampuan Berpikir Kritis, Model CORE, Sistem Saraf

ABSTRACT

SELA FAHRUNNISA: *"The Effect of the Connecting, Organizing, Reflecting, dan Extending (CORE) Learning Model Assisted by Nearpod Media on Students' Critical Thinking Skills Nervous Sistem Material"*

Critical thinking ability is an aspect that students must have to achieve learning goals. This research aims to determine the effect of the CORE learning model assisted by Nearpod media on students' critical thinking abilities in nervous system material. The method used is quasi-experimental research. Data is distributed through the provision of instruments in the form of observation sheets, critical thinking ability tests, and student response questionnaires. The research results showed that the implementation of teacher activities and student activities achieved very good criteria. Students' critical thinking abilities obtained an N-Gain value in the experimental class of 0.70 with high criteria, while in the control class they obtained an N-Gain value of 0.64 with medium criteria. The effects were analyzed using a series of statistical tests including normality tests, homogeneity tests and hypothesis tests. The research results show that the use of the CORE learning model assisted by Nearpod media has an effect on students' critical thinking skills in nervous system material with a Sig value. (2-tailed) $0.018 < 0.05$ which means H_0 is rejected and H_1 is accepted. The results of the Cohen's effect size test, the magnitude of the influence of the CORE learning model on students' critical thinking skills, has a medium effect with a value of 0.594. Student responses to learning using the CORE model assisted by Nearpod media obtained a percentage of 72.34 with good criteria.

Keywords: *CORE Models, Critical Thinking Skills, Nearpod Applications, Nervous Systems*