ABSTRAK

ADILLAH TSINTA MULYANTI: "Pengaruh Model Pembelajaran Inkuiri Terbimbing Berbantuan *Nearpod* Terhadap Hasil Belajar Kognitif Siswa pada Materi Sistem Reproduksi"

Model pembelajaran inkuiri terbimbing merupakan model yang dapat melibatkan siswa secara aktif dalam proses pembelajaran apalagi disertai variasi interaktif seperti aplikasi *Nearpod*. Hasil belajar kognitif siswa merupakan suatu wujud pemahaman yang diperoleh siswa selama proses pembelajaran yang dapat dijadikan sebagai standar kualitas siswa. Penelitian ini bertujuan untuk menganalisis pengaruh model pembelajaran inkuiri terbimbing berbantuan *Nearpod* terhadap hasil belajar kognitif siswa pada materi sistem reproduksi. Pendekatan penelitian yang digunakan adalah pendekatan kuantitatif, dengan metode *quasi eksperiment*, desain penelitian yang digunakan adalah *non-equivalent control group design*. Perangkat penelitian berupa RPP dengan instrumen penelitian yang digunakan adalah lembar observasi, tes, dan angket respon siswa. Sampel penelitian berjumlah 74 dipilih melalui teknik *purposive sampling*. Hasil menunjukkan bahwa keterlaksanaan pembelajaran aktivitas guru dan siswa memperoleh kriteria sangat terlaksana. Nilai hasil belajar kognitif siswa pada kelas eksperimen memperoleh hasil *N-Gain* sebesar 0,72 berkriteria tinggi dan pada kelas kontrol memperoleh hasil *N-Gain* sebesar 0,59 berkriteria sedang. Hasil uji hipotesis menggunakan perhitungan statistik non-parametrik yaitu uji *Mann-Whitney* menunjukkan *Sig. (2-tailed)* $0,002 < 0,05$ yang berarti H_a diterima dan H_0 ditolak artinya terdapat pengaruh pada kelas eksperimen. Adapun respon siswa terhadap model pembelajaran inkuiri terbimbing berbantu *Nearpod* memperoleh rata-rata persentase sebesar 78,76% berkriteria baik. Berdasarkan hasil penelitian tersebut, dapat disimpulkan bahwa terdapat pengaruh positif dari penggunaan model pembelajaran inkuiri terbimbing berbantu *Nearpod* terhadap hasil belajar kognitif siswa pada materi sistem reproduksi.

Kata Kunci: Hasil Belajar Kognitif, Inkuiri Terbimbing, *Nearpod*, Sistem Reproduksi.

ABSTRACT

ADILLAH TSINTA MULYANTI: *"The Influence of the Nearpod-Assisted Guided Inquiry Learning Model on Students' Cognitive Learning Outcomes on Reproductive System Material"*

The guided inquiry learning model is a model that can actively involve students in the learning process, especially with interactive variations such as the Nearpod application. Student cognitive learning outcomes are a form of understanding obtained by students during the learning process which can be used as a standard for student quality. This research aims to analyze the influence of the guided inquiry learning model assisted by Nearpod on students' cognitive learning outcomes in reproductive system material. The research approach used is a quantitative approach, with a quasi-experimental method, the research design used is a non-equivalent control group design. The research tool is a lesson plan with the research instruments used are observation sheets, tests and student response questionnaires. The research sample of 74 was selected using a purposive sampling technique. The results show that the implementation of teacher and student learning activities achieved the criteria of being very successful. The cognitive learning outcomes of students in the experimental class obtained an N-Gain result of 0.72, which is a high criterion, and in the control class, an N-Gain result of 0.59, a medium criterion. The results of hypothesis testing using non-parametric statistical calculations, namely the Mann-Whitney test, show Sig. (2-tailed) $0.002 < 0.05$ which means Ha is accepted and H0 is rejected, meaning there is an influence on the experimental class. The student response to the guided inquiry learning model assisted by Nearpod obtained an average percentage of 78.76% with good criteria. Based on the results of this research, it can be concluded that there is a positive influence from using the guided inquiry learning model assisted by Nearpod on students' cognitive learning outcomes in reproductive system material.

Keywords: *Cognitive Learning Outcomes, Guided Inquiry, Nearpod, Reproductive System.*