ABSTRAK

Dede Munasiroh: "Pengaruh Model Pembelajaran *Problem Based Learning* (PBL) Berbantu Aplikasi *Nearpod* terhadap Kemampuan Berpikir Kritis Siswa pada Materi Sistem Pencernaan"

Penelitian ini dilatarbelakangi oleh masalah yang sering dihadapi dalam pembelajaran biologi berupa penggunaan model dan media pembelajaran yang terkesan masih monoton, sehingga berdampak pada rendahnya kemampuan berpikir kritis siswa. Tujuan penelitian ini untuk menganalisis pengaruh model *Problem Based Learning* (PBL) berbantu aplikasi *Nearpod* terhadap kemampuan berpikir kritis siswa materi sistem pencernaan. Metode dalam penelitian ini yaitu *quasi eksperimental* dengan jenis desain *non-equivalent control group.* Intsrument yang digunakan berupa lemba observasi, soal uraian/esai dan angket respon siswa. Hasil penelitian menunjukkanbahwa keterlaksanaan aktivitas guru dan siswa memperoleh lategori sangat baik. Kemampuaan berpikir kritis siswa dianalisis dan diperoleh nilai T_{hitung} (2,129) $\geq$ T_{tabel} (2,024) dengan demikian hipotesis diterima yaitu terdapat pengaruh model *Problem Based Learning* (PBL) berbantu aplikasi *Nearpod* terhadap kemampuan berpikir kritis siswa. Respon siswa terhadap proses pembelajaran model *Problem Based Learning* (PBL) berbantu aplikasi *Nearpod* memberikan respon positif dengan interpretasi sangat baik. Kesimpulan dalam penelitian ini yaitu model *Problem Based Learning* (PBL) berbantu aplikasi *Nearpod* berpengaruh positif terhadap kemampuan berpikir kritis siswa pada materi sistem pencernaan.

Kata Kunci: Berpikir Kritis, *Nearpod*, *Problem Based Learning* (PBL), Sistem Pencernaan.

ABSTRACT

Dede Munasiroh : "The Effect of *the Problem Based* Learning (PBL) Learning Model Assisted by the *Nearpod Application* on Students' Critical Thinking Abilities in Digestive System Material"

This research is motivated by problems that are often encountered in biology learning in the use of learning models and media that seem monotonous, so that the impact on students' critical thinking skills is low. The purpose of this study was to analyze the effect of the *Problem Based Learning* (PBL) model assisted by the *nearpod application* on students' critical thinking skills on the digestive system. The method in this research is *quasi-experimental* with non-equivalent control group design..The instruments used were observation sheets, essay questions and student response questionnaires. The results of the study show that the implementation of teacher and student activities gets a very good category. The students' critical thinking skills were analyzed and the T value (2.129) T table (2.024) was obtained. Thus the ≥hypothesis was accepted, namely that there was an influence of *the Problem Based Learning* (PBL) model assisted by *the nearpod application* on students' critical thinking abilities. Student responses to the learning process of *the Problem Based Learning (PBL)* model assisted by the *nearpod* application gave positive responses with very good interpretations. The conclusion in this study is that the *Problem Based Learning (PBL) model assisted by the nearpod* application has a positive effect on students' critical thinking skills in the material on the digestive system.

Keywords: *Critical Thinking, Digestive System, Nearpod, Problem Based Learning* (PBL*).*