

ABSTRAK

Elvina Fauziyah (1202060024) : Implentasi Model *Problem Based Learning* Berbantu Buku teks Digital Terhadap Keterampilan Berpikir Kritis Pada Materi Sistem Ekskresi

Pada abad ke-21, penting bagi siswa untuk menguasai teknologi, media informasi, serta keterampilan belajar dan berinovasi, namun pembelajaran lebih cenderung pada menghafal dari pada mengembangkan keterampilan berpikir kritis siswa. Penelitian ini bertujuan untuk mendeskripsikan keterlaksanaan pembelajaran, menganalisis peningkatan keterampilan berpikir kritis siswa, mendeskripsikan respon siswa terhadap model *PBL* berbantu buku teks digital pada materi sistem ekskresi. Metode penelitian yang digunakan yaitu *pre-experiment* dengan instrumen penelitian berupa lembar observasi, *Pretest*, *Posttest*, dan angket respon siswa. Hasil penelitian menunjukkan bahwa keterlaksanaan aktivitas guru dan siswa dalam proses pembelajaran memperoleh kategori sangat baik. Peningkatan keterampilan berpikir kritis siswa memperoleh nilai *N-gain* 0,59 dengan kategori sedang. Persentase tertinggi dan terendah keterampilan berpikir kritis siswa yaitu pada indikator menyimpulkan dan memberikan penjelasan lebih lanjut. Hasil uji hipotesis menggunakan uji *Paired Samples Test* sebesar Sig. 0,000 < 0,05. Respon siswa terhadap model *PBL* berbantu buku teks digital pada materi sistem ekskresi sebesar 81% dengan kategori sangat baik. Pembelajaran dengan menggunakan model *PBL* berbantu buku teks digital pada materi sistem ekskresi dapat meningkatkan keterampilan berpikir kritis siswa.

Kata Kunci: Implementai, *PBL*, Buku Teks Digital, KBK_r, Sistem Ekskresi.



ABSTRACT

Elvina Fauziah (1202060024) : Implementation of the Problem Based Learning Model with Assisted Digital Textbooks The Influence of Critical Thinking Skills on Excretory System Material

In the 21st century, it is important for students to master technology, information media, as well as learning and innovation skills, but learning tends to be more about memorizing than developing students' critical thinking skills. This research aims to describe the implementation of learning, analyze the improvement of students' critical thinking skills, describe students' responses to the PBL model assisted by digital textbooks on excretory system material. The research method used is pre-experiment with research instruments in the form of observation sheets, Pretest, Posttest, and student response questionnaires. The research results showed that the implementation of teacher and student activities in the learning process was categorized as very good. Improving students' critical thinking skills obtained an N-gain value of 0.59 in the medium category. The highest and lowest percentages of students' critical thinking skills are the indicators of concluding and providing further explanation. The results of hypothesis testing using the Paired Samples Test are Sig. 0.000 < 0.05. Student responses to the PBL model assisted by digital textbooks on excretory system material were 81% in the very good category. Learning using the PBL model assisted by digital textbooks on excretory system material can improve students' critical thinking skills.

Keywords: *Implementation, PBL, Digital Textbook, KBK, Excretory System.*

