

ABSTRAK

Shahnaz Salsabila (1192060095): “Model Pembelajaran RADEC (*Read, Answer, Discuss, Explain, Create*) Berbantu *Liveworksheet* Untuk Meningkatkan Keterampilan Berpikir Kritis (KBKr) Pada Materi Sistem Reproduksi”.

Keterampilan Berpikir Kritis (KBKr) merupakan suatu kemampuan analitis penting yang perlu dikembangkan oleh Peserta didik guna menghadapi tantangan di abad ke-21. Karena indikator Keterampilan Berpikir Kritis (KBKr) belum memenuhi, khususnya pada indikator analisis. Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran RADEC berbantu *Liveworksheet* terhadap keterampilan berpikir kritis peserta didik pada materi sistem reproduksi. penelitian menggunakan metode Quasi Eksperimen dengan desain *non-equivalent control-group design*. Sampel penelitian berjumlah 71 peserta didik yang dipilih dengan menggunakan Teknik purposive sampling. Instrumen yang digunakan berupa lembar observasi, soal pilihan ganda berdasarkan indikator keterampilan berpikir kritis, dan angket respons peserta didik. Hasil penelitian menunjukkan bahwa keterlaksanaan aktivitas guru dan peserta didik berada pada kategori sangat baik. Peningkatan Keterampilan Berpikir Kritis (KBKr) pada kelas eksperimen memperoleh nilai N-Gain sebesar 0,57 dengan kategori sedang, sedangkan kelas kontrol sebesar 0,38 dengan kategori sedang. Hasil uji hipotesis menunjukkan nilai Sig. $0,011 < 0,05$, sehingga H_1 diterima. Dengan demikian, terdapat pengaruh signifikan model pembelajaran RADEC berbantu *Liveworksheet* terhadap Keterampilan Berpikir Kritis (KBKr) peserta didik pada materi sistem reproduksi. Adapun respon peserta didik dalam penerapan model pembelajaran memperoleh rata-rata sebesar 79% dengan kategori baik.

Kata Kunci: Keterampilan Berpikir Kritis (KBKr), Model Pembelajaran RADEC, *Liveworksheet*, Sistem Reproduksi

ABSTRACT

Shahnaz Salsabila (1192060095), “*The RADEC (Read, Answer, Discuss, Explain, Create) Learning Model Assisted by Liveworksheets to Improve Critical Thinking Skills (KBKr) in the Reproductive System Material*”.

Critical Thinking Skills (KBKr) is an important analytical ability that needs to be developed by students to face the challenges of the 21st century. Because the indicators of Critical Thinking Skills (KBKr) have not been met, especially in the analysis indicator. This study aims to determine the effect of the RADEC learning model assisted by Liveworksheet on students' critical thinking skills in the reproductive system material. The study used a Quasi Experiment method with a non-equivalent control-group design. The research sample consisted of 71 students selected using a purposive sampling technique. The instruments used were observation sheets, multiple-choice questions based on critical thinking skills indicators, and student response questionnaires. The results of the study showed that the implementation of teacher and student activities was in the very good category. The increase in Critical Thinking Skills (KBKr) in the experimental class obtained an N-Gain value of 0.57 with a moderate category, while the control class was 0.38 with a moderate category. The results of the hypothesis test showed a Sig. value of $0.011 < 0.05$, so H_1 was accepted. Thus, there is a significant influence of the RADEC learning model assisted by Liveworksheets on students' Critical Thinking Skills (KBKr) in the reproductive system material. The average student response to the implementation of the learning model was 79%, categorized as good.

Keywords: *Critical Thinking Skills, RADEC Learning Model, Liveworksheet, Reproductive System.*