

ABSTRAK

Silvia Adimiharta: Pengaruh Model Pembelajaran *Creative Problem Solving* Berbantu Media *Padlet* Terhadap Kemampuan Berpikir Kritis Siswa Pada Materi Sistem Ekskresi

Kemampuan berkreasi dan berinovasi menjadi suatu tantangan bagi guru agar mampu menciptakan pembelajaran yang berkualitas, terkhusus pada materi IPA. Tujuan dari penelitian ini adalah untuk menganalisis adanya pengaruh model pembelajaran *Creative Problem Solving* berbantu media *Padlet* terhadap kemampuan berpikir kritis siswa pada materi sistem ekskresi. Penelitian ini menggunakan metode *quasi-eksperimen* dengan *non-equivalent control group design*, menggunakan pendekatan kuantitatif. Sampel penelitian diperoleh melalui teknik *purposive sampling* pada kelas eksperimen sebanyak 36 siswa dan pada kelas kontrol sebanyak 35 siswa di SMP Negeri 17 Bandung. Hasil keterlaksanaan kegiatan pembelajaran guru dan siswa sebesar 97,7% dengan kategori sangat baik. Hasil kemampuan berpikir kritis siswa menggunakan model CPS berbantu media *Padlet* memperoleh rata-rata pretest 57 dan posttest 89. Sedangkan kelas tanpa model CPS berbantu media *Padlet* memperoleh rata-rata *pretest* 62,5 dan *posttest* 82. Analisis uji *Mann-Whitney* dengan perolehan *Asymp. Sig. (2-tailed)* sebesar $0,011 < 0,05$, menunjukkan bahwa terdapat pengaruh positif terhadap suatu perlakuan, sehingga H_0 ditolak dan H_1 diterima. Respon siswa secara keseluruhan berdasarkan aspek konten materi, model dan media pembelajaran memperoleh rata-rata 3,42 termasuk kategori sedang. Dengan demikian pembelajaran menggunakan model *Creative Problem Solving* berbantu media *Padlet* pada materi sistem ekskresi berpengaruh positif terhadap kemampuan berpikir kritis siswa dan layak digunakan dalam pembelajaran IPA.

Kata Kunci: Berpikir kritis, *creative problem solving*, *padlet*, sistem ekskresi

ABSTRACT

Silvia Adimiharta: *The Effect of Creative Problem Solving Learning Model Assisted by Media Padlet on Students' Critical Thinking Ability in Excretion System Material*

The ability to be creative and innovate is a challenge for teachers to be able to create quality learning, especially in science material. The aim of this research is to analyze the influence of the Creative Problem Solving learning model assisted by Padlet media on students' critical thinking abilities on excretory system material. This research uses a quasi-experimental method with a non-equivalent control group design, using a quantitative approach. The research sample was obtained using a purposive sampling technique in the experimental class as many as 36 students and in the control class as many as 35 students at SMP Negeri 17 Bandung. The results of the implementation of teacher and student learning activities were 97.7% in the very good category. The results of students' critical thinking skills using the CPS model assisted by Padlet media obtained an average pretest of 57 and posttest 89. Meanwhile, the class without the CPS model assisted by Padlet media obtained an average pretest of 62.5 and posttest 82. Mann-Whitney test analysis with Asymp results. Sig. (2-tailed) of $0.011 < 0.05$, indicating that there is a positive influence on a treatment, so that H_0 is rejected and H_1 is accepted. Overall student responses based on aspects of material content, models and learning media obtained an average of 3.42, including the medium category. Thus, learning using the Creative Problem Solving model assisted by Padlet media on excretory system material has a positive effect on students' critical thinking skills and is suitable for use in science learning.

Keywords: *Critical thinking, creative problem solving, padlet, excretory system*