

ABSTRAK

Hafizhun Anandhita Wulan : “Pengaruh Model Guided Discovery Berbantuan Media Pembelajaran Berbasis Booklet terhadap Kemampuan Berpikir Kritis pada Materi Sistem Reproduksi Kelas XI SMA”

Proses pembelajaran biologi materi sistem reproduksi cenderung terpusat pada guru berpengaruh terhadap rendahnya kemampuan berpikir kritis siswa. Siswa terlihat enggan untuk mengemukakan pertanyaan/pendapat dan sulit dalam mengembangkan ide. Penelitian ini bertujuan untuk menganalisis pengaruh model pembelajaran *guided discovery* berbantuan media *booklet* terhadap kemampuan berpikir kritis siswa di salah satu SMA di Indramayu. Penelitian ini merupakan Quasi-Eksperimental dengan *pre-test post-test nonequivalent control design*. Sampel dipilih dengan menggunakan teknik *cluster randomly sampling* sehingga sampelnya adalah XI MIPA 1 (kelas eksperimen) dan XI MIPA 3 (kelas kontrol). Hasil penelitian menunjukkan bahwa kelas yang menggunakan model *guided discovery* berbantuan *booklet* memiliki rata-rata *pre-test* 41 dan *post-test* 82. Sedangkan pada kelas tanpa menggunakan model *guided discovery* berbantuan *booklet* memiliki rata-rata *pre-test* 31 dan *post-test* 56. Hasil Uji *Independent Sample T-Test* menggunakan aplikasi SPSS versi 26 menunjukkan nilai signifikansi dari kelas eksperimen dan kelas kontrol lebih kecil dari 0,05 yaitu sebesar 0,000. Sehingga dapat disimpulkan bahwa terdapat pengaruh model *guided discovery* berbantuan media berbasis *booklet* terhadap kemampuan berpikir kritis pada materi sistem reproduksi.

Kata Kunci : Model *Guided Discovery*, *Booklet*, Kemampuan Berpikir Kritis



ABSTRACT

Hafizhun Anandhita Wulan : “The Effect of *Guided Discovery* Model Aided by *Booklet* Based Learning Media on Critical Thinking Ability in Reproductive System Material for Class XI SMA”

The process of learning biology material for the reproductive system tends to be centered on the teacher, which affects the students' low critical thinking skills. Students seem reluctant to ask questions/opinions and find it difficult to develop ideas. This study aims to analyze the effect of *guided discovery* learning model assisted by *booklet* media on students critical thinking skills in one of the senior high schools in Indramayu. This research is a quasi-experimental with *pre-test post-test* nonequivalent control design. The sample was selected using a cluster random sampling technique so that the samples were X1 MIPA 1 (experimental class) and XI MIPA 3 (control class). The results showed that the class that used the *booklet* assisted *guided discovery* model had a *pre-test* average of 41 and a *post-test* 82. Meanwhile, the class without using a *booklet* assisted *guided discovery* model had a *pre-test* average of 31 and a *post-test* 56. The results of the *Independent Sample T-Test* using the SPSS version 26 application show the significance value of the experimental class and control class is less than 0.05, which is 0.000. So it can be concluded that there is an effect of *guided discovery* model assisted by *booklet* based media on critical thinking skills in reproductive system materials.

Kata Kunci : Model *Guided Discovery*, *Booklet*, Critical Thinking Ability

