

ABSTRAK

Nabila Andjaresta Prasetyaningrum(1192060061): Pengembangan Media Pembelajaran Flipbook Terhadap Hasil Berpikir Kritis Siswa Materi Sistem Pencernaan

Pembelajaran saintifik 5M dengan menggunakan media *flipbook* merupakan pembelajaran berbasis sains dengan langkah mengamati, menanya, mengumpulkan data, mengasosiasikan, dan mengkomunikasikan, berbantu media *flipbook* yang merupakan *e-lkpd* berisi video, suara, dan gambar didalamnya. Penelitian ini bertujuan untuk menganalisis peningkatan kemampuan berpikir kritis siswa dalam proses pembelajaran dengan menggunakan media *flipbook*. Metode penelitian yang digunakan yaitu *RND* dengan instrumen penelitian berupa lembar validasi, *pretest*, *posttest*, dan angket respon siswa. Data hasil penelitian menunjukkan bahwa hasil validasi dari guru mata terdapat lima aspek yaitu aspek kualitas, aspek efektivitas, aspek pemograman, aspek isi materi, aspek kelayakan bahasa. Pada aspek kualitas mendapati hasil 85%, aspek efektivitas 75%, aspek pemograman 87,5%, aspek isi materi 77%, dan aspek kelayakan bahasa 75%. Dari kelima aspek tersebut di dapati presentase rata rata 79,9% dengan kategori media pada saat penelitian layak digunakan, hasil belajar kognitif siswa dengan menggunakan media *flipbook* memperoleh nilai rata-rata *posttest* sebesar 85,1. Peningkatan hasil belajarsiswa mendapatkan nilai rata-rata *n-gain* pada kelas Praeksperimen sebesar 0,61 dengan kategori sedang. Hasil uji hipotesis menggunakan uji T juga menunjukkan Sig. 2-tailed ($0,000 \leq T_{\text{tabel}} (\alpha = 0,05)$) yang berarti H_0 ditolak dan H_a diterima. Rata-rata persentase respon siswa terhadap pembelajaran menggunakan media *flipbook* sebesar 70,4% dengan kategori baik. Berdasarkan data hasil penelitian ini penggunaan media *flipbook* berpengaruh positif terhadap peningkatan hasil belajar kognitif siswa serta membuat siswa lebih aktif.

Kata Kunci: *Flipbook*, Hasil Belajar Kognitif, Sistem Pencernaan

ABSTRACT

Nabila Andjaresta Prasetyaningrum (1192060061) : Development of Flipbook Learning Media on Students' Critical Thinking Results on Digestive System Material

5M scientific learning with flipbook media is science-based learning with the steps of observing, asking questions, collecting data, associating, and communicating, assisted by flipbook media which is an e-LKPD which contains video, sound, and pictures in it. This study aims to analyze the increase in students' cognitive learning outcomes in the learning process using flipbook media. The research method used was RND with research instruments in the form of validation sheets, pretest, posttest, and student response questionnaires. The research data shows that the validation results from the teacher's eyes have five aspects, namely quality aspects, effectiveness aspects, programming aspects, content aspects, language feasibility aspects. On the quality aspect, the results obtained were 85%, the effectiveness aspect was 75%, the programming aspect was 87.5%, the content aspect was 77%, and the language feasibility aspect was 75%. From the five aspects, an average percentage of 79.9% was obtained in the media category when the research was feasible to use. Students' cognitive learning outcomes using flipbook media obtained an average posttest score of 85.1. Increasing student learning outcomes to get an average n-gain value in the experimental class of 0.61 in the medium category. The results of hypothesis testing using the T test also showed Sig. 2-tailed (0.000) \leq Ttable ($\alpha = 0.05$) which means H_0 is rejected and H_a is accepted. The average percentage of student responses to learning using flipbook media is 70.4% in the good category. Based on the data from this study, the use of flipbook media has a positive effect on improving students' cognitive learning outcomes and making students more active.

Keywords: Flipbook, Cognitive Learning Outcomes, Digestive System