

Rahmi Afifah. 2024. *Pengembangan E-Booklet Materi Ekologi dan Keanekaragaman Hayati Konteks Kerang Pisau untuk Meningkatkan Minat Belajar Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Eva Ari Wahyuni

ABSTRAK

Penelitian ini bertujuan untuk mengetahui kelayakan *e-booklet* materi ekologi dan keanekaragaman hayati konteks kerang pisau dalam meningkatkan minat belajar siswa SMP. Penelitian ini menggunakan metode *R&D* dengan model pengembangan ADDIE dan desain penelitian *one group pretest-posttest*. Subjek penelitian yang digunakan adalah siswa kelas VII SMP Tunas Harapan, tahun ajaran 2023/2024 sebanyak 27 siswa. Data penelitian dikumpulkan melalui wawancara, observasi, angket, dan dokumentasi. Hasil penelitian menunjukkan *e-booklet* ekologi dan keanekaragaman hayati konteks kerang pisau dalam aspek (1) media dan materi secara berturut-turut menghasilkan nilai 95,14% dan 80,71% dengan kategori sangat valid, (2) keterbacaan siswa mendapatkan hasil 77,17% dengan kategori sangat baik, (3) respons siswa mendapatkan hasil 78,49% dengan kategori sangat baik, (4) minat belajar siswa mengalami cukup peningkatan dari kategori tinggi menjadi sangat tinggi dengan hasil *n-gain* 0,48. Berdasarkan hasil tersebut disimpulkan bahwa *e-booklet* ekologi dan keanekaragaman hayati konteks kerang pisau layak untuk diimplementasikan dalam pembelajaran.

Kata kunci: *e-booklet*, ekologi dan keanekaragaman hayati, kerang pisau, minat belajar siswa.

Rahmi Afifah. 2024. *Development of an E-Booklet on Ecology and Biodiversity in the Context of Razor Calms to Increase Students' Interest in Learning*. Thesis, Department of Natural Education Science, Faculty of Education Science, Universitas Trunojoyo Madura. Advisor: Eva Ari Wahyuni

ABSTRACT

This research aims to determine the feasibility of an e-booklet on ecology and biodiversity in the context of razor clams in increasing junior high school students' interest in learning. This research uses the R&D method with the ADDIE development model and a one-group pretest-posttest research design. The research subjects used were 27 students in class VII of Junior High School Tunas Harapan for the 2023/2024 academic year. Research data was collected through interviews, observation, questionnaires and documentation. Based on the results, it concluded that the e-booklet on ecology and biodiversity in the context of razor clams in (1) the media and material aspects respectively produced values of 95.14% and 80.71% with a very valid category, (2) students' readability after learning using the e-booklet ecology and biodiversity in the context of razor clams got a result of 77.17% in the very good category, (3) students' responses after learning using the e-booklet ecology and biodiversity in the context of knife clams got results were 78.49% in the very good category, (4) students' learning interest after learning using the e-booklet on ecology and biodiversity in the context of razor clams experienced a significant increase from the high category to very high with an n-gain result of 0.48. Based on these results, the e-booklet on ecology and biodiversity in the context of razor clams is feasible to be implemented in learning.

Keywords: *e-booklet, ecology and biodiversity, razor calms, interest in learning.*