

Siti Saadatul Abadiyah. 2024. *Pengembangan Pocket Book Berbasis Literasi Sains Materi Ekologi dan Keanekaragaman Hayati Terhadap Minat Belajar Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Mochammad Ahied.

ABSTRAK

Tujuan penelitian ini adalah untuk mengetahui kelayakan, peningkatan minat belajar siswa, keterbacaan, dan respons siswa terhadap *pocket book* berbasis literasi sains materi ekologi dan keanekaragaman hayati di MTsN Bangkalan Bangkalan di Desa Mlajah, Kecamatan Bangkalan, Kabupaten Bangkalan. Penelitian ini menggunakan jenis penelitian *Research and Development* (R&D) dengan desain pengembangan ADDIE yang menggunakan *One Group Pretest Posttest Design*. Subjek penelitian terdiri dari 10 siswa kelas VII J sebagai sampel uji kelompok kecil dan 25 siswa kelas VII I sebagai sampel uji kelompok besar pada tahun pelajaran 2023/2024. Data dikumpulkan dengan menggunakan angket dan dokumentasi. Hasil penelitian menunjukkan bahwa *pocket book* yang dikembangkan sangat layak digunakan berdasarkan penilaian kelayakan materi dan media. Hasil validitas ahli media dan ahli materi dengan uji Gregory yaitu 1,00 dengan kriteria “sangat valid.” Hasil keterbacaan *pocket book* yaitu 85,78% dengan kriteria “sangat baik” dan respons siswa yaitu 86,73% dengan kriteria “sangat baik.” Hasil angket minat belajar siswa memperoleh rata-rata nilai siswa kelas VII-I pada *pretest* sebesar 62,33 sedangkan rata-rata nilai pada *posttest* sebesar 83,79 dengan nilai N-Gain 0,57 berkategori sedang. Berdasarkan hasil penelitian dapat disimpulkan bahwa penggunaan bahan ajar *pocket book* berbasis literasi sains materi ekologi dan keanekaragaman hayati efektif digunakan untuk meningkatkan minat belajar siswa.

Kata kunci: Ekologi dan Keanekaragaman hayati, Literasi Sains, Minat Belajar Siswa, *Pocket book*

Siti Saadatul Abadiyah. 2024. *Development of Pocket Book Based Science Literacy on Ecology and Biodiversity Materials for Student Learning Interest*. Thesis, Science Education Study Program, Faculty of Education, University of Trunojoyo Madura. Advisor: Mochammad Ahied.

ABSTRACT

This study aims to determine the feasibility, of increasing student interest in learning, readability, and student response to pocketbooks based on scientific literacy on ecology and biodiversity material at MTsN Bangkalan in Mlajah Village, Bangkalan District, Bangkalan Regency. The study uses Research and Development (R&D) research with an ADDIE development design that uses a One Group Pretest Posttest Design. The research subjects consisted of 10 students of class VII J as a small group test sample and 25 students of class VII I as a large group test sample in the 2023/2024 academic year. Data were collected using questionnaires and documentation. The study results showed that the pocketbook that had been developed is very feasible for use based on an assessment of the suitability of the material and media. The validity results of media and material experts using the Gregory test are 1.00 with very valid criteria. The readability results of the pocketbook were 85,78% with very good criteria, and student responses were 82.19% with very good criteria. The student learning interest questionnaire results obtained an average score for class VII I students in the pretest of 62,33, while the average score in the posttest was 83.79 with an N-Gain value of 0.57 in the medium category. Based on the study results, it can be concluded that the use of a pocketbook based on scientific literacy on ecology and biodiversity is effective for increasing student interest in learning.

Keywords: *Ecology and Biodiversity, Pocketbook, Science Literacy, Student Learning Interest*