

Mubsyiratul Walidah. 2026. Pengembangan *Booklet* IPA Wisata Pantai Cemara untuk Meningkatkan Kemampuan Berpikir Kritis Siswa. Skripsi, Program Studi Pendidikan IPA, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunodjoyo Madura. Pembimbing: Mochammad Ahied.

ABSTRAK

Booklet IPA tema wisata pantai cemara untuk meningkatkan kemampuan berpikir kritis siswa. Penelitian ini bertujuan untuk mengetahui kevalidan produk, keterbacaan *booklet*, respons siswa terhadap *booklet* dan peningkatan kemampuan berpikir kritis siswa. Penelitian ini menggunakan metode *Research and Development* (R&D) dengan model pengembangan ADDIE yang terdiri dari tahap *Analyze, Design, Development, Implementation and Evaluation*. Penelitian ini dilaksanakan pada semester genap tahun ajaran 2025/2026 di SMP Negeri 1 Waru, Pamekasan. Subjek penelitian terdiri atas uji coba perorangan sebanyak 3 siswa kelas VIII-B, uji coba kelompok kecil sebanyak 10 siswa kelas VIII-B dan uji coba kelompok besar sebanyak 28 siswa kelas VII-B. Hasil penelitian menunjukkan bahwa: (1) *Booklet* IPA memperoleh kriteria sangat valid dengan persentase validitas ahli media 94,44% dan persentase validitas ahli materi 98,21%; (2) Keterbacaan *booklet* IPA memperoleh persentase rata-rata sebesar 83,79% dengan kriteria sangat baik; (3) Respons siswa terhadap *booklet* IPA memperoleh persentase rata-rata sebesar 86,03% dengan kriteria sangat baik; (4) Kemampuan berpikir kritis siswa mengalami peningkatan dengan nilai *N-Gain* sebesar 0,31 dengan kategori sedang. Berdasarkan hasil tersebut, *booklet* IPA terintegrasi wisata pantai cemara dinyatakan layak digunakan sebagai bahan ajar IPA dan berpotensi meningkatkan kemampuan berpikir kritis siswa pada materi ekologi dan keanekaragaman hayati Indonesia.

Kata kunci: *booklet*, kemampuan berpikir kritis, wisata pantai cemara

Mubsyiratul Walidah. 2026. *Development of a Science Booklet on Cemara Beach Tourism to Enhance Students' Critical Thinking Skills*. Thesis, Science Education Program, Faculty of Teacher Education and Educational Sciences, Trunodjoyo University of Madura. Advisor: Mochammad Ahied.

ABSTRACT

Science Booklet on the theme of cemara beach tourism to enhance students' critical thinking skills. The study aims to determine the validity of the product, the readability of the booklet, students' responses to the booklet, and improvements in students' critical thinking skills. This study employed the Research and Development (R&D) method using the ADDIE development model, which consists of the Analyze, Design, Development, Implementation, and Evaluation stages. Study was conducted during the even semester of the 2025/2026 academic year at Waru 1 Public Junior High School, Pamekasan. The research subjects consisted of an individual pilot test involving 3 eighth-grade B students, a small-group pilot test involving 10 eighth-grade B students, and a large-group pilot test involving 28 seventh-grade B students. The research resulted showed that: (1) The science booklet met the "highly valid" criterion, with a media expert validity percentage of 94.44% and a content expert validity percentage of 98.21%; (2) The readability of the science booklet achieved an average percentage of 83.79%, meeting the "very good" criterion; (3) Student response to the science booklet achieved an average percentage of 86.03%, meeting the "very good" criterion; (4) Students' critical thinking skills improved, with an N-Gain value of 0.31, categorized as "Moderate." Based on these results, the science booklet integrated with the Cemara Beach tour is deemed suitable for use as a science teaching material and has the potential to improve students' critical thinking skills regarding the topics of ecology and biodiversity in Indonesia.

Keywords: *booklet, critical thinking skills, Cemara Beach tourism*