

Novasya Ayu Wulansuci, 2025. *Pengembangan Booklet Berbasis Etnosains Pecel Semanggi Surabaya untuk Meningkatkan Keterampilan Berpikir Kritis Peserta Didik*. Skripsi, Program Studi Pendidikan IPA, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Mochammad Yasir.

ABSTRAK

Rendahnya keterampilan berpikir kritis salah satunya disebabkan oleh kurangnya media pembelajaran berbasis etnosains yang memfasilitasi peserta didik untuk memahami materi dengan contoh kehidupan sehari-hari. Penelitian ini bertujuan untuk menghasilkan *booklet* berbasis etnosains yang memiliki validitas, keterbacaan, serta respons yang sangat tinggi sehingga dapat digunakan untuk meningkatkan keterampilan berpikir kritis peserta didik. Jenis penelitian ini merupakan penelitian *Research & Development (R&D)*. Model penelitian yang digunakan adalah model pengembangan *ADDIE*. Penelitian ini dilaksanakan di SMPN 53 Surabaya tahun ajaran 2024/2025. Hasil penelitian menunjukkan bahwa: 1) *Booklet* berbasis etnosains pecel semanggi Surabaya mendapatkan validitas sangat tinggi dengan rata-rata total validasi ahli media sebesar 96,32% dan ahli materi sebesar 96,55%, 2) *Booklet* berbasis etnosains pecel semanggi Surabaya mendapatkan keterbacaan pada tahap implementasi sebesar 97,54% dalam kriteria sangat tinggi, 3) *Booklet* berbasis etnosains pecel semanggi Surabaya mendapatkan respons peserta didik pada tahap implementasi sebesar 96,62% dalam kriteria sangat tinggi, 4) Hasil peningkatan keterampilan berpikir kritis peserta didik mendapatkan rata-rata *N-Gain* sebesar 0,75 dengan kriteria tinggi. Kesimpulan penelitian ini yaitu pengembangan *booklet* berbasis etnosains pecel semanggi Surabaya efektif untuk meningkatkan keterampilan berpikir kritis peserta didik.

Kata kunci: *Booklet*, Keterampilan Berpikir Kritis, Klasifikasi Makhluk Hidup, Pecel Semanggi Surabaya

Novasya Ayu Wulansuci, 2025. *Development of Booklet Based on Ethnoscience of Pecel Semanggi Surabaya to Improve Critical Thinking Skills of Students*. Thesis, Science Education Study Program, Faculty of Teacher Training and Education, Trunojoyo University, Madura. Advisor: Mochammad Yasir.

ABSTRACT

The low level of critical thinking skills was partly due to the lack of ethnoscience-based learning media that facilitated students in understanding the subject matter through examples from everyday life. This study aimed to develop a booklet based on ethnoscience that had high validity, readability, and student response, so that it could be used to improve students' critical thinking skills. This research method was Research and Development (R&D). That used ADDIE development model. The study was conducted at SMPN 53 Surabaya during the 2024/2025 academic year. The results of the study showed that: 1) The booklet based on ethnoscience pecel semanggi Surabaya obtained very high validity, with an average validation score of 96,32% from media experts and 96,55% from material experts, 2) The booklet achieved a readability score of 97,54% during the implementation stage, which fell under the very high category, 3) The student response score toward the booklet during the implementation stage reached 96,62%, which was also categorized as very high, 3) The improvement in students' critical thinking skills, based on the N-Gain score, averaged 0,75 which was categorized as high. Based on these results, it can be concluded that the development of the booklet based on ethnoscience pecel semanggi Surabaya was effective in improving students' critical thinking skills.

Keywords: *Booklet, Critical Thinking Skills, Classification of Living Things, Pecel Semanggi Surabaya*