

Rohmatul Afifah, 2025. *Pengembangan Booklet Terintegrasi Kearifan Lokal Konteks Batik Tulis Sendang untuk Meningkatkan Kemampuan Berpikir Kritis Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Nur Qomaria.

ABSTRAK

Penelitian ini bertujuan untuk menghasilkan bahan ajar *booklet* terintegrasi kearifan lokal konteks batik tulis Sendang pada pembelajaran IPA MTS untuk meningkatkan kemampuan berpikir kritis siswa. *Booklet* dikembangkan dengan model pengembangan *ADDIE*, yang terdiri dari *Analyze*, *Design*, *Development*, *Implementation*, dan *Evaluation*. Sampel penelitian meliputi 20 siswa kelas VIII B MTS Al Muhtadi Lamongan. Teknik pengumpulan data terdiri dari observasi, wawancara, angket, tes, dan dokumentasi. Berdasarkan hasil penelitian diperoleh bahwa: 1) Bahan ajar *booklet* terintegrasi kearifan lokal konteks batik tulis Sendang yang dikembangkan memiliki rata-rata validitas media 98,33% dengan kriteria sangat valid dan rata-rata validitas materi 96,53% dengan kriteria sangat valid. 2) Rata-rata keterbacaan *booklet* pada kelompok besar sebesar 94,13% dengan kriteria sangat baik. 3) Rata-rata respons siswa pada kelompok besar sebesar 93,18% dengan kriteria sangat baik. 4) Hasil kemampuan berpikir kritis siswa mengalami peningkatan dengan skor *N-Gain* sebesar 0,79 dengan kriteria tinggi. Kesimpulan penelitian ini yaitu pengembangan *booklet* terintegrasi kearifan lokal konteks batik tulis Sendang dapat meningkatkan kemampuan berpikir kritis siswa.

Kata kunci: Batik tulis Sendang, berpikir kritis, *booklet*, kearifan lokal

Rohmatul Afifah, 2025. *Development of an Integrated Booklet of Local Wisdom in the Context of Sendang Batik Tulis to Improve Students' Critical Thinking Skills*. Thesis, Science Education Study Program, Faculty of Teacher Training and Education, Trunojoyo University, Madura. Advisor: Nur Qomaria.

ABSTRACT

This research aims to develop integrated booklet teaching materials based on local wisdom, specifically in the context of Sendang batik tulis in MTS science learning to improve students' critical thinking skills. The booklet was developed using the ADDIE development model, which includes the stages of Analyze, Design, Development, Implementation, and Evaluation. The research sample included 20 students of class VIII B MTS Al Muhtadi Lamongan. Data collection techniques consisted of observation, interviews, questionnaires, tests, and documentation. Based on the research of the study, it was obtained that: 1) The integrated booklet teaching material in the context of Sendang batik writing that was developed had an average media validity of 98.33% with very valid criteria and an average material validity of 96.53% with very valid criteria. 2) The average readability of the booklet in the large group was 94.13% with very good criteria. 3) The average student response in the large group was 93.18% with very good criteria. 4) Furthermore, students' critical thinking skills improved, as shown by an N-Gain score of 0.79 which falls under the high criteria category. The conclusion of this study is that the development of an integrated booklet of local wisdom in the context of Sendang batik writing can improve students' critical thinking skills.

Keywords: *Sendang batik tulis, critical thinking, booklet, local wisdom*