

Patricia Dewitasari Harvianti.2025.Pengembangan *Booklet* Berbasis Kearifan Lokal Kue Apem Untuk Meningkatkan Kemampuan Berpikir Kritis Siswa. Skripsi. Program Studi Pendidikan IPA.Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Aida Fikriyah

ABSTRAK

Booklet berbasis kearifan lokal kue apem dikembangkan sebagai bahan ajar untuk mengaitkan konsep IPA, khususnya materi unsur, senyawa, dan campuran. Penelitian ini bertujuan menilai kevalidan *booklet*, peningkatan kemampuan berpikir kritis siswa, keterbacaan, serta respons siswa terhadap produk. Penelitian menggunakan metode Research and Development (R&D) dengan model ADDIE yang meliputi tahap analisis, desain, pengembangan, implementasi, dan evaluasi. Subjek uji terdiri dari 3 siswa kelas IX-E pada uji coba perorangan, 10 siswa kelas IX-E pada uji coba kelompok kecil, dan 31 siswa kelas VIII-E pada uji coba kelompok besar. Data diperoleh melalui wawancara, angket, tes berpikir kritis, dan dokumentasi. Hasil penelitian ini menunjukkan *booklet* mendapat penilaian sangat valid, dengan skor ahli media 91,25% dan ahli materi 90,00%. Kemampuan berpikir kritis siswa meningkat dengan nilai *N-Gain* 0,64 (kategori sedang). Keterbacaan rata-rata pada uji perorangan 92,36%, kelompok kecil 88,82%, dan kelompok besar 90,46% (sangat baik). Respons siswa juga sangat baik, dengan skor masing-masing 90,28%, 88,44%, dan 89,31%. Hasil ini membuktikan *booklet* tersebut efektif mendukung peningkatan kemampuan berpikir kritis siswa.

Kata kunci: *Booklet*, Kue Apem, Kearifan Lokal, Kemampuan Berpikir Kritis

Patricia Dewitasari Harvianti.2025.*Development of Local Wisdom-Based Booklet of Kue Apem to Improve Students' Critical Thinking Skills.*
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ABSTRACT

The booklet based on local wisdom of apem cake was created as a teaching resource that connects science concepts particularly elements, compounds, and mixtures with cultural practices through the process of making apem cake. This study aimed to assess the booklet's validity, its impact on students' critical thinking skills, its readability, and how students responded to it. The research used the Research and Development (R&D) method with the ADDIE model, which includes analysis, design, development, implementation, and evaluation phases. The study involved 3 students from class IX-E for individual trials, 10 students from class IX-E for small group trials, and 31 students from class VIII-E for large group trials. Data were gathered through interviews, questionnaires, critical thinking tests, and documentation. The findings showed that the booklet received a validity score of 91.25% from media experts and 90.00% from material experts, which classifies it as very valid. Students' critical thinking skills improved, as reflected by an N-Gain score of 0.64 (moderate category). Readability scores averaged 92.36% (individual), 88.82% (small group), and 90.46% (large group), all in the very good range. Student responses were also very good, with scores of 90.28%, 88.44%, and 89.31%. Future research could develop similar materials using other local wisdom at various educational levels.

Keywords: *Booklet, Apem Cake, Local Wisdom, Critical Thinking Skills*