

Maulidea Annabila Rabbani. 2026. *Pengembangan Booklet Konteks Cake Sumenep Untuk Meningkatkan Literasi Sains Siswa Materi Unsur, Senyawa, dan Campuran*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunodjoyo Madura. Pembimbing: Ana Yuniasti Retno Wulandari.

ABSTRAK

Penelitian ini dilatarbelakangi oleh kebutuhan media pembelajaran untuk meningkatkan literasi sains siswa. Penelitian ini bertujuan untuk mengetahui kevalidan, keterbacaan, respons, dan peningkatan literasi sains siswa setelah menggunakan *booklet* konteks *Cake Sumenep* pada materi unsur, senyawa, dan campuran. Penelitian ini merupakan penelitian R&D dengan model pengembangan *ADDIE*. Uji coba produk dilaksanakan di MTs Negeri 2 Sumenep pada siswa kelas IX B dan kelas VIII F. Instrumen pengumpulan data menggunakan angket validasi materi, angket validasi media, angket keterbacaan, angket respons, dan tes kemampuan literasi sains siswa. Berdasarkan hasil penelitian dapat disimpulkan bahwa: (1) Rata-rata validitas ahli materi sebesar 87,50% (kriteria sangat valid) dan rata-rata validitas ahli media sebesar 80,56% (kriteria sangat valid), (2) Keterbacaan *booklet* konteks *Cake Sumenep* memperoleh kategori sangat baik dengan rata-rata persentase 81,60% pada uji coba perorangan, 86,72% pada uji coba kelompok kecil, dan 90,66% pada tahap implementasi, (3) Respons siswa terhadap *booklet* konteks *Cake Sumenep* menunjukkan kategori sangat baik dengan rata-rata 83,65% pada uji coba perorangan, 86,64% pada uji coba kelompok kecil, dan 92,03% pada tahap implementasi, (4) Rata-rata *N-Gain* peningkatan literasi sains siswa setelah menggunakan *booklet* memperoleh 0,57 kriteria sedang. Hal ini menunjukkan bahwa *booklet* layak digunakan dan mampu meningkatkan literasi sains siswa.

Kata kunci: *booklet*, *Cake Sumenep*, literasi sains

Maulidea Annabila Rabbani. 2026. *Development of Sumenep Cake Context Booklet to Improve Students' Science Literacy on Elements, Compounds, and Mixtures*. Thesis, Science Education Study Program, Faculty of Education, Trunodjoyo University, Madura. Supervisor: Ana Yuniasti Retno Wulandari.

ABSTRACT

This research is motivated by the need for learning media to improve students' scientific literacy. This study aims to determine the validity, readability, response, and improvement of students' scientific literacy after using the Cake Sumenep context booklet on the material of elements, compounds, and mixtures. This research is an R&D research with the ADDIE development model. The product trial was conducted at MTs Negeri 2 Sumenep on students of class IX B and class VIII F. Data collection instruments used material validation questionnaires, media validation questionnaires, readability questionnaires, response questionnaires, and students' scientific literacy ability tests. Based on the research results, it can be concluded that: (1) The average validity of material experts is 87.50% (very valid criteria) and the average validity of media experts is 80.56% (very valid criteria), (2) The readability of the Cake Sumenep context booklet obtained a very good category with an average percentage of 81.60% in individual trials, 86.72% in small group trials, and 90.66% in the implementation stage, (3) Student responses to the Cake Sumenep context booklet showed a very good category with an average of 83.65% in individual trials, 86.64% in small group trials, and 92.03% in the implementation stage, (4) The average N-Gain increase in students' scientific literacy after using the booklet obtained 0.57 medium criteria. This shows that the booklet is suitable for use and is able to improve students' scientific literacy.

Keywords: *booklet, Cake Sumenep, science literacy*