

Della Septya Feransyah. 2026. *Pengembangan E-booklet Konteks Rujak Kelang untuk Meningkatkan Kemampuan Literasi Sains Siswa Materi Klasifikasi Makhluk Hidup*. Skripsi, Program Studi Pendidikan IPA, Fakultas Keguruan dan Ilmu Pengetahuan, 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 *e-booklet* konteks rujak kelang pada materi klasifikasi makhluk hidup. Penelitian ini merupakan penelitian R&D dengan model pengembangan ADDIE. Uji coba produk dilaksanakan di SMPN 1 Pamekasan pada siswa kelas VIII H dan kelas VII B. 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 98,23% (kriteria sangat valid) dan rata-rata validitas ahli media sebesar 98,12% (kriteria sangat valid), (2) Keterbacaan *e-booklet* konteks rujak kelang memperoleh kategori sangat baik dengan rata-rata persentase 88,70% pada uji coba perorangan, 89,43% pada uji coba kelompok kecil, dan 86,03% pada tahap implementasi, (3) Respons siswa terhadap *e-booklet* konteks rujak kelang menunjukkan kategori sangat baik dengan rata-rata 86,84% pada uji coba perorangan, 86,94% pada kelompok kecil, serta 83,32% pada tahap implementasi, (4) Rata-rata *N-Gain* peningkatan literasi sains siswa setelah menggunakan *e-booklet* memperoleh nilai 0,55 kriteria sedang. Hal ini menunjukkan bahwa *e-booklet* layak digunakan dan mampu meningkatkan literasi sains siswa.

Kata kunci: *e-booklet*, klasifikasi makhluk hidup, literasi sains, rujak kelang

Della Septya Feransyah. 2026. *Development of a Rujak Kelang Context E-booklet to Improve Students' Scientific Literacy Skills on the Topic of Classification of Living Things*. Thesis, Science Education Study Program, Faculty of Teacher Training and Education, Trunodjoyo University Madura. Supervisor: Ana Yuniasti Retno Wulandari.

ABSTRACT

This research is based on the need for learning media that can improve students' science literacy through a contextual approach. This study aims to determine the validity, readability, student responses, and students' science literacy skills toward an e-booklet with the rujak kelang context on the topic of classification of living things. This research is an R&D study using the ADDIE development model (analyze, design, development, implementation, and evaluation). Product testing was carried out at SMPN 1 Pamekasan, Pamekasan district, on eighth-grade students in the 2025/2026 academic year. Data collection techniques used expert validation questionnaires for materials, expert validation questionnaires for media, student readability questionnaires, student response questionnaires, and tests of students' science literacy skills. Based on the results of the study, it can be concluded that: (1) The average material expert validity was 98.23%, categorized as very valid, and the average media expert validity was 98.12%, categorized as very valid, (2) The average student readability result for the e-booklet was 88.05%, categorized as very good, (3) The average student response result to using the e-booklet was 85.70%, categorized as very good, (4) The average N-Gain of students' science literacy after using the e-booklet was 0.55, categorized as moderate. This indicates that the e-booklet with the rujak kelang context is suitable for use in learning and is able to improve students' science literacy skills.

Keywords: *classification of living beings, e-booklet, rujak kelang, science literacy*