

Friska Lusiana. 2026. *Pengembangan E-booklet Berbasis Etnosains Nasi Krawu Gresik Untuk Meningkatkan Literasi Sains Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunodjoyo Madura. Pembimbing: Mochammad Yasir.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui tingkat kevalidan *e-booklet* berbasis etnosains nasi krawu Gresik, keterbacaan materi pada *e-booklet* berbasis etnosains nasi krawu Gresik, respons siswa terhadap penggunaan *e-booklet* berbasis etnosains nasi krawu Gresik, serta peningkatan literasi sains siswa setelah dilakukan pembelajaran menggunakan *e-booklet* berbasis etnosains nasi krawu Gresik. Materi yang disajikan dalam *e-booklet* yaitu klasifikasi makhluk hidup kelas VII. Jenis penelitian ini yaitu *Research and Development* (R&D) dengan model pengembangan ADDIE. Penelitian ini dilakukan di MTs Negeri Gresik dengan mengikutsertakan 3 siswa kelas VIII B pada uji coba perorangan, 9 siswa kelas VIII B pada uji coba kelompok kecil, serta 30 siswa kelas VII A pada tahap implementasi. Data penelitian dikumpulkan melalui wawancara dengan guru IPA dan penjual nasi krawu Gresik, pengisian angket oleh siswa, tes literasi sains, serta dokumentasi. Hasil penelitian ini yaitu 1) *E-booklet* berbasis etnosains nasi krawu Gresik memperoleh validasi media 97,73% dan materi 98,75%; 2) Tingkat keterbacaan *e-booklet* sangat baik dengan persentase 88,39%; 3) Hasil respons siswa terhadap *e-booklet* sebesar 87,13% yakni sangat menarik; 4) *N-gain* yang diperoleh sebesar 0,51 (sedang), sehingga *e-booklet* berbasis etnosains nasi krawu Gresik dapat digunakan untuk meningkatkan literasi sains siswa.

Kata kunci: *e-booklet*, etnosains, literasi sains, nasi krawu Gresik

Friska Lusiana. 2026. Development of an Ethnoscience-Based E-booklet on Gresik Nasi Krawu to Improve Pupils' Science Literacy. Undergraduate thesis, Science Education Programme, Faculty of Teacher Training and Education, Trunodjoyo University, Madura. Supervisor: Mochammad Yasir.

ABSTRACT

This study aims to determine the level of validity of the Gresik nasi krawu ethnoscience-based e-booklet, to assess the readability of the material in the Gresik nasi krawu ethnoscience-based e-booklet, to determine pupils' responses to the use of the Gresik nasi krawu ethnoscience-based e-booklet, and to determine the improvement in students' science literacy following instruction using the Gresik nasi krawu ethnoscience-based e-booklet. The material presented in the e-booklet covers the classification of living organisms for Year 7. This research is a Research and Development (R&D) study using the ADDIE development model. This study was conducted at MTs Negeri Gresik, involving 3 Year 8 B pupils in the individual trial, 9 Year 8 B pupils in the small-group trial, and 30 Year 7 A pupils in the implementation phase. Research data were collected through interviews with the science teacher and a Gresik nasi krawu vendor, the completion of questionnaires by pupils, a science literacy test, and documentation. The results of this study were as follows: 1) The Gresik nasi krawu ethnoscience-based e-booklet achieved a media validity of 97.73 per cent and a content validity of 98.75 per cent; 2) The readability of the e-booklet was very good, at 88.39 per cent; 3) Student responses to the e-booklet stood at 87.13 per cent, indicating that it was very engaging; 4) The N-gain obtained was 0.51 (moderate), meaning that the Gresik nasi krawu ethnoscience-based e-booklet can be used to improve students' science literacy.

Keywords: *e-booklet, ethnoscience, Gresik nasi krawu, science literacy*