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ABSTRAK

Literasi sains peserta didik masih perlu ditingkatkan melalui penggunaan media pembelajaran yang menarik dan kontekstual. Penelitian ini bertujuan untuk mengembangkan *e-magazine* konteks agrowisata kebun belimbing untuk meningkatkan literasi sains peserta didik. Penelitian ini merupakan penelitian dan pengembangan (R&D) menggunakan model ADDIE yang meliputi tahap *analysis*, *design*, *development*, *implementation*, dan *evaluation*. Subjek penelitian adalah peserta didik kelas VII A di MTS Al-Yakin Kalitidu sebanyak 16 peserta didik. Instrumen penelitian meliputi lembar validasi, angket keterbacaan, angket respons peserta didik, dan tes literasi sains. Hasil penelitian menunjukkan bahwa *e-magazine* memperoleh persentase validitas materi sebesar 92,71% dengan kriteria sangat valid dan validitas media sebesar 88,54% dengan kriteria sangat valid. Persentase keterbacaan sebesar 85,57% dengan kriteria sangat baik, dan respons peserta didik sebesar 85,94% dengan kriteria sangat baik. Peningkatan literasi sains memperoleh nilai N-gain sebesar 0,62 dengan kriteria sedang. Berdasarkan hasil penelitian, *e-magazine* konteks agrowisata kebun belimbing dinyatakan layak digunakan dalam pembelajaran untuk meningkatkan literasi sains peserta didik.

Kata kunci: *e-magazine*, agrowisata kebun belimbing, literasi sains, ADDIE.

Umi Rosyida. 2026. *Developing an E-Magazine in the Context of Starfruit Garden Agrotourism to Improve Students' Scientific Literacy*. Thesis, Science Education Study Program, Faculty of Teacher Training and Education, Trunodjoyo University, Madura. Advisor: Aditya Rakhmawan.

ABSTRACT

Students' scientific literacy still needs to be improved through the use of interesting and contextual learning media. This study aims to develop an e-magazine in the context of starfruit garden agrotourism to improve students' scientific literacy. This study is a research and development (R&D) using the ADDIE model which includes the stages of analysis, design, development, implementation, and evaluation. The subjects of the study were 16 students of class VII A at MTS Al-Yakin Kalitidu. The research instruments included validation sheets, readability questionnaires, student response questionnaires, and science literacy tests. The results showed that the e-magazine obtained a material validity percentage of 92.71% with a very valid category and media validity of 88.54% with a very valid category. The readability percentage was 85.57% with a very good category, and student responses were 85.94% with a very good category. The increase in scientific literacy obtained an N-gain value of 0.62 with a moderate category. Based on the research results, the e-magazine in the context of starfruit garden agrotourism was declared suitable for use in learning to improve students' scientific literacy.

Keywords: *e-magazine, starfruit garden agrotourism, scientific literacy, ADDIE.*