

Yanti Fatmawati. 2025. *Pengembangan E-Magazine Tema Wisata Religi Sunan Ampel untuk Meningkatkan Literasi Sains Peserta Didik*. Skripsi, Program Studi Pendidikan IPA, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Dwi Bagus Rendy Astid Putera.

ABSTRAK

E-Magazine tema Wisata Religi Sunan Ampel untuk meningkatkan literasi sains peserta didik merupakan pengembangan media pembelajaran elektronik berbasis kearifan lokal dengan diintegrasikan pada pembelajaran IPA yang dapat meningkatkan literasi sains peserta didik. Penelitian ini bertujuan untuk mengetahui kevalidan produk, peningkatan literasi sains, dan respons peserta didik terhadap *e-Magazine* tema Wisata Religi Sunan Ampel. Materi yang digunakan pada media pembelajaran yang dikembangkan adalah unsur, senyawa, dan campuran. Penelitian ini merupakan jenis penelitian R&D dengan model pengembangan ADDIE. Penelitian ini dilakukan pada semester genap tahun ajaran 2024/2025 di SMP Negeri 4 Surabaya. Teknik pengambilan sampel pada penelitian ini yaitu *purposive sampling*. Subjek penelitian ini yaitu uji coba perorangan sebanyak 3 peserta didik di kelas IX-F, uji coba kelompok kecil sebanyak 10 peserta didik di kelas IX-F dan implementasi kelompok besar sebanyak 25 peserta didik di kelas VIII-A. Instrumen penelitian menggunakan lembar validasi ahli media dan ahli materi, tes literasi sains, serta angket respons peserta didik. Hasil penelitian menunjukkan bahwa (1) *E-Magazine* tema Wisata Religi Sunan Ampel valid digunakan sebagai media pembelajaran IPA dengan rata-rata persentase validitas dari ahli media dan ahli materi sebesar 91,67% dan 88,75% dengan kriteria sangat valid. (2) Peningkatan literasi sains peserta didik berdasarkan *N-Gain score* sebesar 0,59 dengan kriteria sedang. (3) Respons peserta didik terhadap *e-Magazine* tema Wisata Religi Sunan Ampel memperoleh nilai rata-rata sebesar 82,36% dengan kriteria sangat baik. Kesimpulan penelitian menunjukkan bahwa *e-Magazine* tema Wisata Religi Sunan Ampel yang dikembangkan sangat valid digunakan sebagai media pembelajaran IPA, dapat meningkatkan literasi sains peserta didik, dan memperoleh respons yang sangat baik dari peserta didik.

Kata kunci: *E-Magazine*, literasi sains peserta didik, Wisata Religi Sunan Ampel.

Yanti Fatmawati. 2025. *Development of an E-Magazine on the Religious Tourism Theme of Sunan Ampel to Improve Science Literacy among Students*. Thesis, Biology Education Study Program, Faculty of Teacher Training and Education, Trunojoyo University Madura. Supervisor: Dwi Bagus Rendy Astid Putera.

ABSTRACT

The e-Magazine themed Religious Tourism of Sunan Ampel to enhance students' science literacy is an electronic learning media development based on local wisdom integrated into science learning that can improve students' science literacy. This study aims to determine the validity of the product, the increase in science literacy, and students' responses to the e-Magazine themed Religious Tourism of Sunan Ampel. The material used in the developed learning media consists of elements, compounds, and mixtures. This research is a type of R&D research using the ADDIE development model. This research was conducted in the even semester of the 2024/2025 academic year at SMP Negeri 4 Surabaya. The sampling technique used in this research is purposive sampling. The subjects of this research include individual trials with 3 students in class IX-F, small group trials with 10 students in class IX-F, and large group implementation with 25 students in class VIII-A. The research instruments include media and material expert validation sheets, science literacy tests, and student response questionnaires. The research results show that (1) the E-Magazine themed Religious Tourism of Sunan Ampel is valid to be used as a learning media for Natural Sciences with an average validity percentage from media experts and material experts of 91.67% and 88.75%, respectively, which falls under the very valid criteria. (2) The improvement in students' science literacy based on the N-Gain score is 0.59, categorized as moderate. (3) The response of students to the E-Magazine themed Religious Tourism of Sunan Ampel scored an average of 82.36%, falling in the very good category. The conclusion of the research indicates that the E-Magazine themed Religious Tourism of Sunan Ampel developed is very valid to be used as a learning media for Natural Sciences, can improve students' science literacy, and received very good feedback from students.

Keywords: *E-Magazine, science literacy of students, Religious Tourism of Sunan Ampel.*