

Muhamad Asyroful Ibad. 2024. Pengembangan *E-magazine* Konteks Pantai Slopeng untuk Meningkatkan Literasi Sains pada Materi Klasifikasi Makhluk Hidup. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing : Yamin

ABSTRAK

E-magazine Konteks Pantai Slopeng untuk meningkatkan literasi sains merupakan bahan ajar hasil inovasi dari perkembangan teknologi dengan memanfaatkan *software* canva dan *heyzine flipbook* untuk menjadikan pembelajaran IPA berbasis kearifan lokal menjadi menarik, efektif dan dapat meningkatkan kemampuan literasi sains siswa. Penelitian ini bertujuan untuk mengetahui kelayakan produk, peningkatan literasi sains, keterbacaan, dan respons siswa terhadap media pembelajaran. Penelitian ini menggunakan jenis penelitian *R&D* dengan model pengembangan ADDIE (*analyze, design, development, implementation, dan evaluate*). Pengambilan sampel menggunakan teknik *purpove sampling*. Sampel penelitian pada uji coba perorangan sebanyak 2 siswa di kelas VIII-F, uji coba kelompok kecil sebanyak 10 siswa di kelas VIII-F dan sampel pada uji coba kelompok besar sebanyak 30 siswa di kelas VII-C. Data dikumpulkan dengan menggunakan tes, angket, dan dokumentasi. Hasil penelitian menunjukkan bahwa: (1) *E-magazine* Konteks Pantai Slopeng mendapatkan validitas dengan kategori sangat valid, (2) Keterbacaan peserta didik terhadap *e-magazine* mendapatkan kategori sangat baik, (3) Respons peserta didik terhadap *e-magazine* mendapatkan kategori sangat positif, (4) Hasil tes literasi sains mengalami peningkatan dengan nilai *N-gain* kategori sedang. Kesimpulan dari penelitian ini yaitu *e-magazine* Konteks Pantai Slopeng yang dikembangkan layak digunakan untuk meningkatkan literasi sains siswa.

Kata kunci: *E-magazine*, literasi sains, kearifan lokal, wisata pantai slopeng.

Muhamad Asyroful Ibad. 2024. *Development of an E-magazine in the context of Slopeng Beach to Increase Scientific Literacy on Classification of Living Creatures Material*. Thesis, Science Education Study Program, Faculty of Education, University of Trunojoyo Madura. Advisor: Yamin.

ABSTRACT

The Slopeng Beach Context E-magazine to increase scientific literacy is a teaching material resulting from innovation from technological developments by utilizing Canva and Heyzine flipbook software to make science learning based on local wisdom interesting, effective and can improve students' scientific literacy skills. This research aims to determine product feasibility, increase scientific literacy, readability, and student responses to learning media. This research uses R&D research with the ADDIE (analyze, design, development, implementation and evaluate) development model. Sampling used purposive sampling technique. The research sample for the individual trial was 2 students in class VIII-F, the small group trial was 10 students in class VIII-F and the sample for the large group trial was 30 students in class VII-C. Data was collected using tests, questionnaires and documentation. The research results show that: (1) The Slopeng Beach Context E-magazine received validity in the very valid category, (2) Students' readability of the e-magazine received the category very good, (3) Students' responses to the e-magazine were categorized as very positive, (4) The results of the scientific literacy test increased with an N-gain value in the medium category. The conclusion of this research is that the Slopeng Beach Context e-magazine developed is suitable for use to increase students' scientific literacy.

Key words: *E-magazine, scientific literacy, local wisdom, slopeng beach tourism.*