

Lailatul Safitri. 2024. Pengembangan Media *Flipbook* Kearifan Lokal Jamu Madura Untuk Meningkatkan Literasi Sains Peserta Didik. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Try Hartiningsih

ABSTRAK

Flipbook merupakan buku elektronik yang berisikan cover, capaian dan tujuan pembelajaran, indikator literasi sains, materi pembelajaran, game, dan kuis yang didesain semenarik mungkin. Penelitian ini bertujuan untuk mengetahui kelayakan media, respons peserta didik, keterbacaan peserta didik, dan literasi sains peserta didik. Materi yang digunakan pada media pembelajaran yang dikembangkan adalah keanekaragaman hayati kelas VII SMP/MTS. Penelitian ini merupakan penelitian R&D dengan model pembelajaran ADDIE. Subjek penelitian ini adalah peserta didik SMPN 1 Tanjung Bumi. Sampel dalam penelitian ini adalah kelas VII-A yang ditentukan menggunakan teknik *purposive sampling*. Instrumen yang digunakan yaitu lembar validasi ahli media, ahli materi, angket respons peserta didik, angket keterbacaan peserta didik dan soal test literasi sains. Berdasarkan hasil penelitian dapat disimpulkan bahwa: (1) Rata-rata validasi ahli materi 96.40% dengan kategori sangat valid dan validasi ahli media 90.20% dikategorikan sangat valid (2) Rata-rata Uji *n gain score* sebesar 0.71 dengan kriteria tinggi. (3) Rata-rata keterbacaan peserta didik sebesar 88.13% dengan kategori sangat baik. (4) Rata-rata respons peserta didik sebesar 89.89%. Hal ini menunjukkan media *flipbook* layak digunakan dalam pembelajaran dan meningkatkan literasi sains peserta didik.

Kata kunci: *flipbook*, kearifan lokal jamu Madura, literasi sains peserta didik

Lailatul Safitri. 2024. *Development of Madurase Herbal Local Wisdom Flipbook Media to Improve Students' Scientific Literacy*. Thesis, Science Education Study Program, Faculty of Education, University of Trunojoyo Madura. Supervisor: Try Hartiningsih

ABSTRACT

Flipbook is an electronic book that contains a cover, learning outcomes and objectives, scientific literacy indicators, learning materials, games, and quizzes that are designed to be as interesting as possible. This research aims to determine the appropriateness of the media. student responses. student readability. and student scientific literacy. The material used in the learning media developed is biodiversity for class VII SMP/MTS. This research is R&D research with the ADDIE learning model. The subjects of this research were students of SMPN 1 Tanjung Bumi. The sample in this study was class VII-A which was determined using a purposive sampling technique. The instruments used were media expert validation sheets, material experts, student response questionnaires, student readability questionnaires and scientific literacy test questions. Based on the research results. it can be concluded that: (1) The average material expert validation is 96.40% in the very valid category and the media expert validation is 90.20% in the very valid category (2) The average test n gain score is 0.71 with high criteria. (3) The average readability of students is 88.13% in the very good category. (4) The average response of students is 89.89%. This shows that flipbook media is suitable for use in learning and increasing students' scientific literacy.

keywords: *flipbook, local wisdom of Madurese herbal medicine, students' scientific literacy.*