

Kameliyah. 2021. *Pengembangan Media E-Cerpen Berbantuan Flip PDF Professional Pada Materi Pencemaran Lingkungan Terhadap Pemahaman Konsep Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing : Nur Qomaria, S.Pd., M.Pd

ABSTRAK

Penelitian ini bertujuan untuk mengembangkan media e-cerpen berbantuan *flip PDF professional* dalam pembelajaran IPA. Media e-cerpen dikembangkan fokus pada materi pencemaran lingkungan untuk siswa kelas VII SMP/MTs. Desain pengembangan yang digunakan yaitu desain pengembangan ADDIE (*Analysis, Design, Development, Implementation, dan Evaluation*). Subjek penelitian sebanyak 30 siswa. Instrumen yang digunakan dalam proses pengambilan data yaitu lembar validasi media, angket respons siswa, angket keterbacaan siswa, dan tes pemahaman konsep siswa. Berdasarkan hasil penelitian dapat disimpulkan bahwa : (1) Rata-rata validitas aspek media media sebesar 89,13% dengan kategori sangat valid, dan rata-rata reliabilitas sebesar 94,25% dengan kategori reliabel. Rata-rata validitas aspek materi sebesar 91,8% dengan kategori sangat valid, dan rata-rata reliabilitas sebesar 96,66%. (2) Rata-rata hasil respons siswa sebesar 80% dengan kategori baik. (3) Rata-rata hasil keterbacaan siswa sebesar 96% dengan kategori sangat baik. (4) Rata-rata pemahaman konsep siswa sebesar 77,0 dengan kategori baik.

Kata kunci : e-cerpen, *flip PDF professional*, pemahaman konsep, pencemaran lingkungan.

Kameliyah. 2021. *Development of E-Short Story Media Assisted by Flip PDF Professional on Environmental Pollution Materials on Students' Concept Understanding*. Thesis, Science Education Study Program, Faculty of Education, Trunojoyo University Madura. Advisor : Nur Qomaria, S.Pd., M.Pd

ABSTRACT

This study aims to develop professional e-short stories assisted by PDF flips in science learning. The e-short media developed focuses on environmental pollution material for seventh grade students of SMP/MTs. The development design used is the ADDIE development design (Analysis, Design, Development, Implementation, and Evaluation). The research subjects were 30 students. The instruments used in the data collection process were media validation sheets, student response questionnaires, student readability questionnaires, and student concept understanding tests. Based on the results of the study, it can be concluded that: (1) The average validity of the media aspects of the media is 89,13% in the very valid category, and the average reliability is 94,25% in the reliable category. The average validity of the material aspect is 91,8% with a very valid category, and the average reliability is 96,66%. (2) The average student response result is 80% with good category. (3) The average student readability is 96% in the very good category. (4) The average understanding of students' concepts is 77,0 in good category.

Keywords: e-short story, flip PDF professional, understanding the concept, environmental pollution.