

Moh. Nailur Rahman. 2021. *Pengembangan Film Dokumenter Sebagai Media Pembelajaran Berbasis Audio Visual Materi Cahaya dan Optik*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing : Fatimatul Munawaroh S.Si., M.Si

ABSTRAK

Film dokumenter merupakan jenis media audio visual berdasarkan kenyataan. Tujuan penelitian ini adalah untuk mengetahui kelayakan dan respons siswa terhadap film dokumenter sebagai media pembelajaran berbasis audio visual pada materi cahaya dan optik kelas VIII MTs Al Husen di Desa Bangkes, Kecamatan Kadur, Kabupaten Pamekasan. Penelitian ini adalah pengembangan dengan menggunakan desain penelitian ADDIE (*Analyze, Design, Develop, Implementation, dan Evaluate*). Kelayakan film dokumenter divalidasi oleh ahli materi, ahli media, dan guru IPA. Hasil penelitian antara lain 1) Hasil validasi aspek media menghasilkan persentase 92,19% dengan persentase reliabilitas sebesar 91,37%. Sementara hasil validasi aspek materi menghasilkan persentase 92,92% dengan persentase reliabilitas sebesar 95,71%. Berdasarkan persentase kedua aspek tersebut menghasilkan rata-rata validasi pakar sebesar 92,55% (sangat layak) dan reliabilitas sebesar 93,54% (reliabel) artinya film dokumenter cahaya dan optik layak diujicobakan kepada siswa. 2) Hasil rata-rata respons siswa terhadap film dokumenter cahaya dan optik menghasilkan persentase 81,21% (Sangat baik) sehingga dapat disimpulkan bahwa siswa tertarik belajar materi cahaya dan optik menggunakan film dokumenter.

Kata Kunci : film dokumenter, materi cahaya dan optik, respons siswa, validasi media

Moh. Nailur Rahman. 2021. *The Development of documentary film as audio-visual based learning media on light and optical materials*. Thesis, The Study of Science Education, Faculty of Education, University of Trunojoyo Madura. Supervisor : Fatimatul Munawaroh, S.Si., M.Si.

ABSTRACT

Documentary film is a kind of audio visual media based on reality. The purpose of this study was to determine the feasibility and students' responses to documentary film as audio-visual-based learning media on light and optical materials for class VIII MTs Al Husen in Bangkes Village, Kadur District, Pamekasan Regency. This research is a development using ADDIE research design (Analyze, Design, Develop, Implement, and Evaluate). The feasibility of the documentary was validated by material experts, media experts, and science teachers. The results of the study include 1) The results of the validation of the media aspect produce a percentage of 92.19% with a reliability percentage of 91.37%. While the results of the validation of the material aspect yield a percentage of 92.92% with a percentage of reliability percentage of 95.71%. Based on the percentage of these two aspects, the average expert validation is 92.55% (very feasible) and the reliability is 93.54% (reliable), meaning that light and optical documentary film are feasible to be tested on students. 2) the average result of students' responses to light and optical documentary film yields a percentage of 81.66% (Very good) so it can be concluded that students are interested in learning about light and optical materials using documentary film.

Key words : Documentary film, light and optical materials, media validity, Student's responses