

ABSTRAK

Aswita, NIM 4181141004 (2023). Pengembangan Media Pembelajaran Animasi Berbasis Audiovisual Pada Materi Sistem Pertahanan Tubuh Kelas XI MIA 9 Di SMA Negeri 13 Medan

Penelitian ini bertujuan untuk menghasilkan media pembelajaran berbasis audiovisual pada materi sistem pertahanan tubuh berdasarkan ahli materi, ahli pembelajaran, ahli media serta respon guru SMA Negeri 13 medan dan siswa kelas XI MIA 9. Subjek dalam penelitian ini adalah dosen ahli materi, dosen ahli pembelajaran, dosen ahli media, guru bidang studi biologi SMA Negeri 13 medan, dan peserta didik kelas XI MIA 9 berjumlah 35 siswa. Jenis penelitian yang digunakan adalah Research and Development (R&D) menggunakan model *Four-Door*. Instrumen yang digunakan dalam penelitaian ini terdiri dari validasi ahli materi, ahli pembelajaran, ahli media, angket respon guru beserta peserta didik kelas XI MIA 9 dan tes ketuntasan hasil belajar klasikal (*post-test*) dalam bentuk pilihan ganda sebanyak 30 soal untuk mengukur hasil belajar peserta didik. Berdasarkan hasil penelitian diperoleh data dari validasi materi sebesar 82,74% dalam kategori sangat layak, validasi ahli pembelajaran sebesar 79,17% dalam kategori layak, validasi ahli media sebesar 85,62% dalam kategori sangat layak, penilaian respon guru bidang studi sebesar 94,75% dalam kategori sangat menarik, dan penilaian respon peserta didik sebesar 81% dalam kategori sangat menarik. Berdasarkan hasil validasi media pembelajaran berbasis audiovisual pada materi sistem pertahanan tubuh layak digunakan dalam proses pembelajaran. Media pembelajaran berbasis audiovisual pada materi sistem pertahanan tubuh yang dirancang efektif untuk meningkatkan hasil belajar peserta didik dengan persentase keseluruhan ketuntasan siswa sebesar 82,2%.

Kata Kunci: *Research and Development* (R&D), Media pembelajaran, Sistem pertahanan tubuh, Audiovisual.



ABSTRACT

Aswita, NIM 4181141004 (2023). Development of Audiovisual-Based Animation Learning Media on Body Defense System Materials for Class XI MIA 9 Students of SMA Negeri 13 Medan

This study aims to produce audiovisual-based learning media on the body's defense system material based on material experts, learning experts, media experts as well as the responses of SMA Negeri 13 Medan teachers and class XI MIA 9 students. The subjects in this study were lecturers of material experts, learning expert lecturers, media expert lecturers, biology study teachers at SMA Negeri 13 Medan, and students in class XI MIA 9 totaling 35 students. The type of research used is Research and Development (R&D) using the Four-Door model. the instruments used in this study consisted of validation of material experts, learning experts, media experts, teacher response questionnaires and class XI MIA 9 students and classical learning outcomes mastery tests (post-test) in the form of multiple choice of 30 questions to measure participant learning outcomes educate. Based on the results of the study, data obtained from material validation was 82.74% in the very feasible category, learning expert validation was 79.17% in the feasible category, media expert validation was 85.62% in the very feasible category, teacher response assessment in the field of study was 94 .75% in the very interesting category, and the assessment of student responses by 81% in the very interesting category. Based on the validation results of audiovisual-based learning media on the body's defense system material, it is feasible to use in the learning process. Audiovisual-based learning media on the body's defense system material which is designed to be very effective for improving student learning outcomes with an overall percentage of student completeness of 82.2%.

Keywords: *Research and Development (R&D), Learning media, Body defense system, Audiovisual.*

