

Kanzul Atiyah. 2023. *Pengembangan Multimedia Interaktif Berbasis Articulate Storyline pada Materi Sistem Pernapasan Manusia*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Eva Ari Wahyuni

ABSTRAK

Penelitian ini bertujuan untuk mengetahui kelayakan, keterbacaan, dan respons peserta didik dalam pengembangan multimedia interaktif berbasis *Articulate Storyline* pada materi sistem pernapasan manusia. Penelitian merupakan jenis pengembangan murni dengan model pengembangan yang digunakan adalah model 4D (*Define, Design, Development, dan Disseminate*). Akan tetapi pada penelitian ini hanya dilakukan hingga tahap *Development* saja. Penelitian dilaksanakan di UPTD SMPN 1 Socah dengan menggunakan sampel sebanyak 10 siswa. Pengumpulan data menggunakan instrumen berupa angket analisis kebutuhan, wawancara, dokumentasi, dan angket. Sebelum media dapat diuji coba, harus melalui validitas materi dan oleh ahli guru IPA. Hasil uji validasi pada aspek media memperoleh rata-rata sebesar 0,87 dengan kriteria sangat layak dan reliabilitas dengan rata-rata sebesar 88,9% dengan kriteria sangat reliabel sedangkan berdasarkan aspek materi memperoleh validitas dengan rata-rata sebesar 0,94 dengan kriteria sangat layak dan nilai reliabilitas dengan rata-rata sebesar 94,7% dengan kriteria sangat reliabel. Hasil analisis pada tingkat respons siswa memperoleh rata-rata sebesar 84,8% dengan kriteria sangat baik. Hasil analisis pada tingkat keterbacaan siswa sebesar 87,5 % dengan kriteria sangat baik. Hasil penelitian menunjukkan bahwa multimedia interaktif berbasis *Articulate Storyline* pada materi sistem pernapasan manusia sangat layak digunakan dalam proses pembelajaran dan mendapatkan respons yang sangat baik oleh siswa.

Kata kunci: *Articulate Storyline, Interaktif, Multimedia*

Kanzul Atiyah. 2023. *Development of Articulate Storyline Based Interactive Multimedia on Human Respiratory System Material*. Thesis, Science Education Study Program, Faculty of Education, Trunojoyo Madura University. Advisor: Eva Ari Wahyuni

ABSTRACT

This study aims to determine the feasibility, readability, and response of students in the development of interactive multimedia based on Articulate Storyline on the material of the human respiratory system. Research is a type of pure development with the development model used is the 4D model (Define, Design, Development, and Disseminate). However, this research was only carried out until the Development stage. The research was conducted at UPTD SMPN 1 Socah using a sample of 10 students. Data collection uses instruments in the form of needs analysis packages, interviews, documentation, and packages. Before the media can be tried out, it must go through the validity of the material and by science teacher experts. The results of the validation test on the media aspect obtained an average of 0.87 with very feasible criteria and reliability with an average of 88.9% with highly reliable criteria while based on the material aspect obtained validity with an average of 0.94 with very high criteria feasible and reliability value with an average of 94.7% with very reliable criteria. The results of the analysis on the level of student response obtained an average of 84.8% with very good criteria. The results of the analysis on the level of student readability is 87.5% with very good criteria. The results of the research show that interactive multimedia based on Articulate Storyline on human respiratory system material is very feasible to use in the learning process and gets very good responses from students.

Keywords: *Articulate Storyline, Interactive, Multimedia*