

Okky Ayu Stevani, 2026. Pengembangan Multimedia Interaktif *Articulate Storyline* Pada Materi Sifat-Sifat Cahaya Dan Keterkaitannya Dengan Indra Penglihatan Kelas V SDN Pejagan 5, Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunodjoyo Madura, Pembimbing: Andika Adinanda Siswoyo, S.Pd., M.Pd.

ABSTRAK

Penelitian ini bertujuan untuk mengembangkan multimedia interaktif berbasis *Articulate Storyline* pada materi sifat-sifat cahaya dan keterkaitannya dengan indera penglihatan untuk peserta didik kelas V SDN Pejagan 5. Model pengembangan yang digunakan adalah model 4D (*Define, Design, Develop, Disseminate*). Hasil penelitian menunjukkan bahwa multimedia interaktif yang dikembangkan memenuhi kriteria valid, efektif, dan menarik. Tingkat kevalidan diperoleh dari ahli materi sebesar 85,3% (sangat valid), ahli media sebesar 76% (valid), dan ahli desain pembelajaran sebesar 94,54% (sangat valid). Keefektifan media ditunjukkan melalui aktivitas guru sebesar 94,11% dan aktivitas peserta didik sebesar 96,15% dengan kategori sangat baik, serta ketuntasan hasil belajar peserta didik mencapai 100%. Sementara itu, aspek kemenarikan diperoleh dari respon guru sebesar 100% dan respon peserta didik sebesar 93,1% dengan kategori sangat menarik. Berdasarkan hasil tersebut, multimedia interaktif berbasis *Articulate Storyline* dinyatakan valid, efektif, dan menarik sehingga layak digunakan dalam pembelajaran IPAS pada materi sifat-sifat cahaya dan keterkaitannya dengan indera penglihatan.

Kata kunci: multimedia interaktif, *Articulate Storyline*, sifat cahaya, indera penglihatan, IPAS

Okky Ayu Stevani, 2026. *Development of Interactive Multimedia Articulate Storyline on the Material of Light Properties and Their Relationship with Visual Indra of Class V SDN Pejagan 5*, Thesis, Elementary School Teacher Education Study Program, Faculty of Teacher Training and Education, Trunodjoyo University Madura, Supervisor: Andika Adinanda Siswoyo, S.Pd., M.Pd.

ABSTRACT

This study aimed to develop interactive multimedia using Articulate Storyline on the topic of the properties of light and its relation to the sense of sight for fifth-grade students at SDN Pejagan 5. The research employed the 4D development model (Define, Design, Develop, and Disseminate). The results indicated that the developed multimedia met the criteria of validity, effectiveness, and attractiveness. The validity was established through expert judgment, with scores of 85.3% from the material expert (very valid), 76% from the media expert (valid), and 94.54% from the instructional design expert (very valid). The effectiveness of the multimedia was reflected in the teacher activity score of 94.11% and student activity score of 96.15%, both categorized as very good. In addition, students' learning outcomes achieved 100% classical mastery, indicating that the multimedia effectively facilitated students' understanding of the concepts. Furthermore, the attractiveness of the multimedia was demonstrated by the responses of both teacher and students. The teacher's response reached 100%, while the students' response reached 93.1%, both categorized as very attractive. These findings suggested that the integration of interactive features, visual elements, and simulations successfully enhanced students' engagement and learning motivation. In conclusion, the interactive multimedia developed using Articulate Storyline was considered valid, effective, and attractive, and therefore suitable for use in IPAS learning on the topic of the properties of light and its relation to the sense of sight.

Keywords: *interactive multimedia, Articulate Storyline, properties of light, sense of sight, elementary education*