

Ananda Fitrianingrum. 2026. *Pengembangan Multimedia Interaktif IPAS Kelas IV Materi Perubahan Wujud Benda Di Sekolah Dasar Negeri Krembung 1 Sidoarjo*. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunodjoyo Madura. Pembimbing: Dr. Humairah Fauziah, M.Pd.

ABSTRAK

Penelitian ini bertujuan untuk mengembangkan multimedia interaktif pada mata pelajaran IPAS kelas IV materi perubahan wujud benda di SDN Krembung 1 Sidoarjo serta mengetahui tingkat kevalidan, keefektifan, dan kemenarikan media yang dikembangkan. Penelitian ini menggunakan metode Research and Development (R&D) dengan model pengembangan ADDIE yang meliputi tahapan analisis, desain, pengembangan, implementasi, dan evaluasi. Subjek penelitian adalah siswa kelas IV SDN Krembung 1 Sidoarjo yang berjumlah 25 siswa. Teknik pengumpulan data dilakukan melalui observasi, wawancara, angket, dan tes hasil belajar. Instrumen penelitian meliputi lembar validasi ahli materi, ahli media, ahli desain pembelajaran, angket respon guru dan siswa, serta tes evaluasi. Hasil penelitian menunjukkan bahwa multimedia interaktif ini dinyatakan sangat valid berdasarkan penilaian para ahli. Media pembelajaran juga terbukti efektif dalam meningkatkan hasil belajar siswa serta menarik berdasarkan respon positif dari guru dan siswa pada uji coba kelompok kecil dan kelompok besar. Dengan demikian, multimedia interaktif ini layak digunakan sebagai media pembelajaran IPAS kelas IV pada materi perubahan wujud benda.

Kata kunci : Media Pembelajaran, Multimedia Interaktif, IPAS, Perubahan Wujud Benda, ADDIE

Ananda Fitrianingrum. (2026). *Development of Interactive Multimedia IPAS Grade IV on the Topic of Changes in the States of Matter at Elementary School Krembung 1 Sidoarjo*. Undergraduate Thesis, Elementary School Teacher Education Study Program, Faculty of Teacher Training and Education, University of Trunodjoyo Madura. Advisor: Dr. Humairah Fauziah, M.Pd.

ABSTRACT

This study aims to develop interactive multimedia for the fourth grade science subject on the material of changes in the state of matter at Elementary School Krembung 1 Sidoarjo and to determine the level of validity, effectiveness, and attractiveness of the developed media. This study uses the Research and Development (R&D) method with the ADDIE development model which includes the stages of analysis, design, development, implementation, and evaluation. The research subjects were 25 fourth grade students of Elementary School Krembung 1 Sidoarjo. Data collection techniques were carried out through observation, interviews, questionnaires, and learning outcome tests. The research instruments included validation sheets from material experts, media experts, learning design experts, teacher and student response questionnaires, and evaluation tests. The results of the study showed that this interactive multimedia was declared very valid based on expert assessments. The learning media was also proven to be effective in improving student learning outcomes and interesting based on positive responses from teachers and students in small group and large group trials. Thus, this interactive multimedia is suitable for use as a fourth grade science learning medium on the material of changes in the state of matter.

Keywords : Learning Media, Interactive Multimedia, IPAS, Changes In The States Of Matter, ADDIE