

Rafi Arya Putra Pratama. 2026. *Pengembangan Multimedia Pembelajaran BETA (Bentuk Transformasi Energi) Berbasis Genially Pada Mata Pelajaran IPAS Kelas IV A UPTD SDN Blega 1*. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunodjoyo Madura. Pembimbing: Dya Qurotul A'yun, S.Pd., M.Pd.

ABSTRAK

Penelitian pengembangan ini bertujuan untuk mengetahui kevalidan, keefektifan, dan kemenarikan multimedia pembelajaran BETA (Bentuk Transformasi Energi) berbasis genially pada mata pelajaran IPAS kelas IV A UPTD SDN Blega 1. Model penelitian pengembangan ini menggunakan ADDIE yang terdiri dari lima tahapan yaitu Analisis (*Analysis*), Perancangan (*Design*), Pengembangan (*Develop*), Penerapan (*Implement*), dan Evaluasi (*Evaluation*). Subjek penelitian pengembangan ini merupakan peserta didik kelas IV A UPTD SDN Blega 1. Teknik pengumpulan data yang digunakan pada penelitian pengembangan ini adalah wawancara, angket, observasi, tes dan dokumentasi. Berdasarkan data hasil penelitian menunjukkan bahwa: 1. Multimedia pembelajaran BETA (Bentuk Transformasi Energi) dapat dinyatakan valid, dengan perolehan nilai validasi ahli media pembelajaran sebesar 92%, ahli materi pembelajaran sebesar 88%, dan ahli desain pembelajaran sebesar 87%. 2. Multimedia pembelajaran BETA (Bentuk Transformasi Energi) dapat dinyatakan efektif berdasarkan ketuntasan klasikal evaluasi hasil belajar peserta didik dimana memperoleh ketuntasan klasikal 100% baik saat uji coba kelompok kecil dan uji coba kelompok besar. Selain ketuntasan hasil belajar, berdasarkan rata-rata hasil observasi aktivitas peserta didik pada uji coba kelompok besar memperoleh rata-rata sebesar 95%, dengan kategori sangat efektif. 3. Multimedia pembelajaran BETA (Bentuk Transformasi Energi) dapat dinyatakan menarik berdasarkan angket respon guru dan peserta didik. Dimana pada uji coba kelompok kecil berdasarkan hasil angket respon guru memperoleh 90%, dan angket respon peserta didik memperoleh nilai 96% dengan kategori sangat menarik. Sedangkan pada uji coba kelompok besar berdasarkan hasil angket respon guru memperoleh 100%, dan angket respon peserta didik memperoleh nilai 92% dengan kategori sangat menarik. Berdasarkan hasil penelitian, dapat disimpulkan multimedia pembelajaran BETA (Bentuk Transformasi Energi) berbasis genially pada mata pelajaran IPAS kelas IV A UPTD SDN Blega 1 adalah produk yang valid, efektif dan menarik saat digunakan dalam pembelajaran.

Kata kunci: Penelitian pengembangan, ADDIE, Multimedia pembelajaran, *Website Genially*, IPAS

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ABSTRACT

This development research aimed to determine the validity, effectiveness, and attractiveness of the BETA (BENTUK TRANSFORMASI ENERGI) learning multimedia based on Genially in the Science and Social Studies (IPAS) subject for Class IV A students at UPTD SDN Blega 1. This development research employed the ADDIE model, which consists of five stages: Analysis, Design, Development, Implementation, and Evaluation. The subjects of this development research were the students of Class IV A at UPTD SDN Blega 1. The data collection techniques used in this study were interviews, questionnaires, observations, tests, and documentation. Based on the research findings, the results showed that: 1) the BETA (Forms of Energy Transformation) learning multimedia was declared valid, with validation scores of 92% from the learning media expert, 88% from the learning material expert, and 87% from the learning design expert; 2) the BETA (Forms of Energy Transformation) learning multimedia was declared effective based on the classical completeness of students' learning outcome evaluations, which reached 100% in both the small-group trial and the large-group trial. In addition to the learning outcome completeness, the average result of students' activity observations in the large-group trial reached 95%, which was categorized as highly effective; 3) the BETA (Forms of Energy Transformation) learning multimedia was declared attractive based on the teacher and students' response questionnaires. In the small-group trial, the teacher response questionnaire obtained a score of 90%, while the students' response questionnaire obtained a score of 96%, both categorized as very attractive. Meanwhile, in the large-group trial, the teacher response questionnaire obtained a score of 100%, and the students' response questionnaire obtained a score of 92%, both categorized as very attractive. Based on the results of the study, it can be concluded that the BETA (Forms of Energy Transformation) learning multimedia based on Genially in the Science and Social Studies (IPAS) subject for Class IV A students at UPTD SDN Blega 1 is a valid, effective, and attractive product for use in the learning process.

Keywords: *Development research, ADDIE, Learning multimedia, Genially website, IPAS*