

ABSTRAK

Ema Fitiana Chayani. 2026. *Pengembangan Media Pembelajaran WEBERA (Website Energi Interaktif) Berbasis Googe Sites Untuk Siswa Kelas IV Sekolah Dasar*. Skripsi. Pendidikan Guru Sekolah Dasar, Fakultas Keguruan dan Ilmu Pendidikan, Universitas PGRI Madiun. Pembimbing (I) Dr. Ivayuni Listiani, S.Pd., M.Pd., (II) Dr. Fauzatul Marufah Rohmanurmeta, S.Pd., M.Pd.

Penelitian ini bertujuan untuk mengembangkan WEBERA (Website Energi Interaktif), sebuah media pembelajaran berbasis Google Sites bagi siswa kelas IV sekolah dasar, serta menentukan tingkat validitasnya. Penelitian ini menggunakan metode penelitian dan pengembangan (R&D) dengan model ADDIE, yang mencakup lima tahapan: analisis, perancangan, pengembangan, implementasi, dan evaluasi. Subjek penelitian meliputi siswa kelas IV SDN Soco 1, guru kelas IV, serta validator yang terdiri dari ahli materi, ahli media, dan ahli bahasa. Pengumpulan data dilakukan melalui observasi, wawancara, angket validasi, dan angket respons pengguna. Produk yang dikembangkan berupa media pembelajaran berbasis situs web yang memuat materi terkait energi, video pembelajaran, lembar kerja siswa, evaluasi, dan kegiatan refleksi yang dapat diakses melalui berbagai perangkat digital. Hasil validasi menunjukkan bahwa WEBERA termasuk dalam kategori sangat valid berdasarkan penilaian dari ahli materi, ahli media, dan ahli bahasa. Selain itu, respons guru dan siswa dikategorikan sangat baik. Dengan demikian, media pembelajaran WEBERA berbasis Google Sites dinilai layak digunakan dalam pembelajaran topik energi pada mata pelajaran Ilmu Pengetahuan Alam dan Sosial (IPAS) bagi siswa kelas IV sekolah dasar.

Kata Kunci: Energi, Google Sites, Media Pembelajaran, Sekolah Dasar, WEBERA

Abstract

Ema Fitiana Chayani. 2026. Development of WEBERA (Interactive Energy Website) Learning Media Based on Google Sites for Fourth-Grade Elementary School Students. Undergraduate Thesis. Primary School Teacher Education, Faculty of Teacher Training and Education, Universitas PGRI Madiun. Supervisors: (I) Dr. Ivayuni Listiani, S.Pd., M.Pd., (II) Dr. Fauzatul Marufah Rohmanurmeta, S.Pd., M.Pd.

This study aimed to develop WEBERA (Interactiva Energy Website), a Google Sites-based learning medium for fourth-grade elementary school students, and to determine its validity. This study employed the Research and Development (R&D) method using the ADDIE model, which comprises five stages including analysis, design, development, implementation, and evaluation. The research subjects included fourth-grade students of SDN Soco 1, a fourth-grade teacher, and validators consisting of a material expert, a media expert, and a language expert. Data were collected through observation, interviews, validation questionnaires, and user response questionnaires. The developed product was a website-based learning medium containing energy-related materials, instructional videos, student worksheets, evaluations, and reflection activities that could be accessed through various digital devices. The validation results indicated that WEBERA achieved a highly valid category based on assessments from the material, media, and language experts. Furthermore, teacher and student responses were categorized as very good. Therefore, the Google Sites-based WEBERA learning medium is considered suitable for use in teaching energy topics in Science and Social Studies (IPAS) for fourth-grade elementary school students.

Keywords: energy, Google Sites, learning media, primary school, WEBERA

