

ABSTRAK

Dita Fitriyah Gultom 2026. Pengembangan Media *Scrapbook* Digital Terintegrasi *Google Sites* Pada Mata Pelajaran IPAS Materi Energi Kelas IV SD. Pembimbing (I) Dr. Ivayuni Listiani, M.Pd., (II) Naniek Kusumawati M.Pd.

Penelitian ini bertujuan untuk mengembangkan media *scrapbook* digital terintegrasi *Google Sites* pada mata pelajaran IPAS materi energi kelas IV SD serta mengetahui tingkat kelayakannya. Penelitian ini menggunakan metode Research and Development (R&D) dengan model ADDIE yang meliputi *tahap Analysis, Design, Development, Implementation, dan Evaluation*. Penelitian dilaksanakan di SDN Ngadirejo 02 dengan subjek penelitian peserta didik kelas IV. Teknik pengumpulan data dilakukan melalui observasi, wawancara, dokumentasi, dan angket. Instrumen penelitian berupa lembar validasi ahli media, ahli materi, ahli bahasa, serta angket respons guru dan peserta didik. Data dianalisis menggunakan teknik analisis dalam bentuk persentase. Hasil penelitian menunjukkan bahwa media *scrapbook* digital terintegrasi *Google Sites* dinyatakan sangat layak digunakan. Hasil validasi ahli media memperoleh persentase sebesar 91%, validasi ahli materi sebesar 84%, dan validasi ahli bahasa sebesar 98%, dengan rata-rata keseluruhan sebesar 90% yang termasuk dalam kategori sangat layak. Hasil uji coba menunjukkan respons peserta didik memperoleh rata-rata persentase sebesar 92%, sedangkan respons guru memperoleh persentase sebesar 94,6% dengan kategori sangat layak. Media yang dikembangkan mampu menyajikan materi energi secara menarik melalui kombinasi teks, gambar, video, dan fitur interaktif yang dapat diakses secara fleksibel melalui *Google Sites*. Dengan demikian, media *scrapbook* digital terintegrasi *Google Sites* layak digunakan sebagai media pembelajaran IPAS materi energi untuk peserta didik kelas IV sekolah dasar.

Kata Kunci: *Scrapbook* digital, *Google Sites*, IPAS, Energi, Sekolah Dasar

ABSTRACT

Dita Fitriyah Gultom (2026). *Development of a Google Sites-Integrated Digital Scrapbook for the IPAS (Natural and Social Sciences) Subject on the Topic of Energy for Grade IV Elementary School Students*. Supervisors: (I) Dr. Ivayuni Listiani, M.Pd., (II) Naniek Kusumawati, M.Pd.

This study aims to develop a Google Sites-integrated digital scrapbook for the IPAS subject (focusing on energy) for Grade IV elementary school students and to determine its level of feasibility. The study employs the Research and Development (R&D) method using the ADDIE model, which comprises the stages of Analysis, Design, Development, Implementation, and Evaluation. The research was conducted at SDN Ngadirejo 02 with Grade IV students as the research subjects. Data collection techniques included observation, interviews, documentation, and questionnaires. Research instruments consisted of validation sheets for media, content, and language experts, as well as response questionnaires for teachers and students. Data were analyzed using percentage-based analysis techniques. The results indicate that the Google Sites-integrated digital scrapbook is highly feasible for use. Validation results showed a score of 91% from media experts, 84% from content experts, and 98% from language experts, resulting in an overall average of 90%, which falls into the "highly feasible" category. Trial results showed an average student response of 92% and a teacher response of 94.6%, both falling into the "highly feasible" category. The developed media effectively presents energy-related content in an engaging manner through a combination of text, images, videos, and interactive features that are flexibly accessible via Google Sites. Thus, the Google Sites-integrated digital scrapbook is deemed suitable for use as an IPAS learning medium regarding energy for Grade IV elementary school students.

Keywords: *Digital scrapbook, Google Sites, IPAS, Energy, Elementary School*