

ABSTRACT

Jela Septiani. 2026. Development of Flipbook Media Based on the Project-Based Learning Model for the Grade IV IPAS (Natural and Social Sciences) Subject at SDN Jiwan 02. Primary School Teacher Education Study Program, Faculty of Teacher Training and Education (FKIP), Universitas PGRI Madiun. Supervisors: (1) Vivi Rulviana, S.Pd., M.Pd. (2) Tiara Intan Cahyaningtyas, S.Pd., M.Pd.

Observations conducted at SDN Jiwan 02 indicate that IPAS instruction still relies heavily on lecture methods and limited use of textbooks; consequently, student engagement is suboptimal, and understanding of the material regarding plant body parts has not fully developed. These issues stem from: 1) teacher-centered instruction using lectures, 2) a lack of learning media capable of presenting material visually and interactively, and 3) the characteristics of elementary students—who are in the concrete operational stage—requiring tangible and meaningful learning experiences. This study employs Research and Development (R&D) methodology using the ADDIE model, which comprises five stages: analysis, design, development, implementation, and evaluation. The developed product is a digital flipbook based on the Project-Based Learning model, designed for the Grade IV IPAS subject, specifically covering the topic of plant body parts. Validation results showed feasibility scores of 85.42% from the media expert, 92.31% from the subject matter expert, and 85.42% from the language expert, yielding an overall average of 87.72%, which falls into the "highly feasible" category. Trial results showed a teacher response rate of 93.75% and a student response rate of 96.88%, both of which fall into the "highly feasible" category. These results demonstrate that the Project-Based Learning-based digital flipbook is suitable for use as an IPAS learning medium to support Grade IV students' understanding of plant body parts.

Keywords: Digital Flipbook, Project-Based Learning, IPAS

ABSTRAK

Jela Septiani. 2026. Pengembangan Media *Flipbook* Berbasis Model Pembelajaran *Project Based Learning* Pada Mata Pelajaran IPAS Kelas IV di SDN Jiwan 02. Program Studi Pendidikan Guru Sekolah Dasar, FKIP, Universitas PGRI Madiun. Pembimbing (1) Vivi Rulviana, S.Pd., M.Pd. (2) Tiara Intan Cahyaningtyas, S.Pd., M.Pd.

Hasil observasi yang dilakukan di SDN Jiwan 02 menunjukkan bahwa pembelajaran IPAS masih berpusat pada metode ceramah dan penggunaan buku teks yang terbatas, sehingga keterlibatan siswa dalam pembelajaran menjadi kurang optimal dan pemahaman terhadap materi bagian-bagian tubuh tumbuhan belum berkembang secara maksimal. Permasalahan tersebut disebabkan oleh 1) pembelajaran yang masih berpusat pada guru dengan metode ceramah, 2) keterbatasan media pembelajaran yang mampu menyajikan materi secara visual dan interaktif, dan 3) karakteristik siswa sekolah dasar yang berada pada tahap operasional konkret sehingga membutuhkan pengalaman belajar yang nyata dan bermakna. Jenis penelitian ini adalah penelitian pengembangan (*Research and Development/R&D*) dengan menggunakan model pengembangan ADDIE yang terdiri atas lima tahap, yaitu analisis, perancangan, pengembangan, implementasi, dan evaluasi. Produk yang dikembangkan berupa media *Flipbook* digital berbasis model pembelajaran *Project Based Learning* pada mata pelajaran IPAS kelas IV materi bagian-bagian tubuh tumbuhan. Hasil validasi ahli media menunjukkan persentase kelayakan sebesar 85,42%, ahli materi 92,31%, dan ahli bahasa 85,42%, dengan rata-rata keseluruhan sebesar 87,72% yang termasuk kategori sangat layak. Hasil uji coba menunjukkan respons guru sebesar 93,75% dan respons siswa sebesar 96,88%, yang keduanya berada pada kategori sangat layak. Hasil tersebut menunjukkan bahwa media *Flipbook* digital berbasis *Project Based Learning* layak digunakan sebagai media pembelajaran IPAS untuk mendukung pemahaman siswa kelas IV terhadap materi bagian-bagian tubuh tumbuhan.

Kata kunci: *Flipbook Digital, Project Based Learning, IPAS*