

ABSTRAK

Ridwan Ardiansyah. 2026. *Pengembangan Multimedia Interaktif Berbasis Google Sites dengan Pendekatan Deep Learning pada Pembelajaran IPAS Kelas IV Sekolah Dasar*. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar. FKIP. Universitas PGRI Madiun. Pembimbing (I) Vivi Rulviana, S.Pd., M.Pd., (II) Tiara Intan Cahyaningtyas, S.Si., M.Pd.

Pembelajaran IPAS di kelas IV SD Negeri Teguhan 02 Kabupaten Madiun didominasi metode ceramah dengan penggunaan buku paket dan LKS sebagai sumber belajar utama. Pemanfaatan teknologi, seperti laptop, proyektor, internet, dan *Interactive Flat Panel* (IFP), belum optimal. Peserta didik juga mengalami kesulitan memahami materi abstrak sehingga memerlukan media pembelajaran yang menarik, interaktif, dan mendukung *Deep Learning*.

Penelitian ini bertujuan mengetahui proses pengembangan, kelayakan, dan keefektifan Multimedia Interaktif Berbasis *Google Sites* dengan Pendekatan *Deep Learning* pada pembelajaran IPAS kelas IV Sekolah Dasar. Jenis penelitian adalah *Research and Development* dengan model ADDIE (*Analysis, Design, Development, Implementation, dan Evaluation*). Subjek penelitian adalah 17 peserta didik kelas IV SD Negeri Teguhan 02 Kabupaten Madiun. Instrumen penelitian meliputi lembar validasi, angket respon, serta *pretest* dan *posttest*.

Hasil penelitian menunjukkan persentase kelayakan 82% dari ahli materi, 88% dari ahli bahasa, dan 82% dari ahli media dengan rata-rata 84% dengan kriteria sangat valid. Respon guru memperoleh 96% dan peserta didik 93,18% dengan kriteria sangat praktis. Nilai rata-rata *pretest* meningkat dari 50,00 menjadi 96,47 pada *posttest* dengan *N-Gain* 0,93 berkategori tinggi. Ketercapaian tujuan pembelajaran mencapai 100% sehingga multimedia dinyatakan sangat valid, sangat praktis, dan sangat efektif digunakan pada pembelajaran IPAS kelas IV Sekolah Dasar.

Kata kunci: Multimedia Interaktif, *Google Sites*, *Deep Learning*, IPAS, Hasil Belajar.

ABSTRACT

Ridwan Ardiansyah. 2026. *Development of Google Sites-Based Interactive Multimedia with a Deep Learning Approach for Grade IV Elementary School Science and Social Studies (IPAS) Learning*. Undergraduate Thesis. Elementary School Teacher Education Study Program, Faculty of Teacher Training and Education, Universitas PGRI Madiun. Advisors: (I) Vivi Rulviana, S.Pd., M.Pd.; (II) Tiara Intan Cahyaningtyas, S.Si., M.Pd.

Science and Social Studies (IPAS) learning in Grade IV at SD Negeri Teguhan 02, Madiun Regency, was dominated by the lecture method, with textbooks and student worksheets serving as the primary learning resources. The use of technology, such as laptops, projectors, the internet, and Interactive Flat Panels (IFP), had not been optimized. In addition, students experienced difficulties in understanding abstract concepts and therefore required learning media that were engaging, interactive, and supportive of the Deep Learning approach.

This study aimed to determine the development process, feasibility, and effectiveness of Google Sites-Based Interactive Multimedia with a Deep Learning Approach for Grade IV Elementary School IPAS learning. This study employed the Research and Development (R&D) method using the ADDIE model, consisting of the Analysis, Design, Development, Implementation, and Evaluation stages. The research subjects were 17 fourth-grade students of SD Negeri Teguhan 02, Madiun Regency. The research instruments included validation sheets, response questionnaires, and pretest and posttest.

The results showed feasibility percentages of 82% from the material expert, 88% from the language expert, and 82% from the media expert, with an average of 84%, indicating a very valid criterion. Teacher responses reached 96%, while student responses reached 93.18%, both categorized as very practical. The average pretest score increased from 50.00 to 96.47 on the posttest, with an N-Gain score of 0.93, which was categorized as high. The achievement of the learning objectives reached 100%, indicating that the multimedia was very valid, very practical, and highly effective for Grade IV Elementary School IPAS learning.

Keywords: Interactive Multimedia, Google Sites, Deep Learning, Science and Social Studies (IPAS), Learning Outcomes.