

ABSTRAK

Durarin Nuha Achfama. 2026. *Pengembangan Media Interaktif Flipbook Berbasis Contextual Teaching and Learning (CTL) untuk Melatihkan Keterampilan Proses Sains Dasar pada Pelajaran IPAS Kelas V Sekolah Dasar*. Tesis. Madiun: Program Studi Magister Pendidikan Dasar, Sekolah Pascasarjana, Universitas PGRI Madiun. Pembimbing (I) Dr. Ivayuni Listiani, M.Pd., (II) Dr. Cerianing Putri Pratiwi, M.Pd.

Kata Kunci: media interaktif, *flipbook*, *Contextual Teaching and Learning*, keterampilan proses sains dasar, IPAS sekolah dasar

Penelitian ini bertujuan mengembangkan media interaktif *flipbook* berbasis *Contextual Teaching and Learning* (CTL) untuk melatih keterampilan proses sains (KPS) dasar pada pelajaran IPAS kelas V sekolah dasar, sekaligus mengukur tingkat validitas, kepraktisan, dan keefektifannya. Penelitian menggunakan metode *Research and Development* (R&D) dengan model 4D (*define, design, develop, disseminate*), dengan tahap *disseminate* dilaksanakan secara terbatas. Subjek penelitian adalah 14 siswa kelas V SDN Brondong IV Lamongan; uji coba terbatas melibatkan 4 siswa, sedangkan uji coba lapangan utama melibatkan seluruh siswa kelas tersebut. Data dikumpulkan melalui lembar validasi ahli, angket respons guru dan siswa, serta tes pilihan ganda *pretest-posttest*, kemudian dianalisis menggunakan rata-rata skor validasi, persentase respons angket, dan indeks N-Gain. Hasil penelitian menunjukkan *flipbook* dinyatakan sangat valid dengan skor ahli materi dan pendekatan 4,00, ahli media 3,67, dan ahli bahasa 4,00. Media juga dinyatakan sangat praktis, dengan respons positif siswa sebesar 98,81% dan guru 92,86%. Dari sisi keefektifan, ketuntasan belajar klasikal mencapai 100% dengan indeks N-Gain rata-rata 0,78 (kategori tinggi). Temuan ini menunjukkan bahwa media *flipbook* berbasis CTL layak digunakan sebagai alternatif media pembelajaran IPAS untuk melatih keterampilan proses sains dasar siswa kelas V sekolah dasar.

Durarin Nuha Achfama. 2026. *Development of a Contextual Teaching and Learning (CTL)-Based Interactive Flipbook Medium to Train Basic Science Process Skills in Grade V Elementary School Natural and Social Sciences (IPAS)*. Thesis. Madiun: Master's Study Program in Basic Education, Graduate School, Universitas PGRI Madiun. Advisor Dr. Ivayuni Listiani, M.Pd., Co-Advisor Dr. Cerianing Putri Pratiwi, M.Pd.

Keywords: *interactive media, flipbook, Contextual Teaching and Learning, basic science process skills, elementary school science*

This study developed a Contextual Teaching and Learning (CTL)-based interactive flipbook to train basic science process skills in grade V elementary school Natural and Social Sciences (IPAS) lessons, and examined its validity, practicality, and effectiveness. The study used a Research and Development (R&D) design following the 4D model (define, design, develop, disseminate), with the disseminate stage carried out on a limited scale. Participants were 14 fifth-grade students at SDN Brondong IV Lamongan; a small-scale trial involved 4 students, while the main field trial involved the entire class. Data were collected through expert validation sheets, teacher and student response questionnaires, and a multiple-choice pretest-posttest, then analyzed using average validation scores, questionnaire response percentages, and the N-Gain index. The flipbook was rated highly valid, with scores of 4.00 from the materials and approach expert, 3.67 from the media expert, and 4.00 from the language expert. The medium was also rated highly practical, with positive responses of 98.81% from students and 92.86% from the teacher. In terms of effectiveness, classical learning completion reached 100%, with an average N-Gain index of 0.78 (high category). These findings indicate that the CTL-based flipbook is suitable for use as an alternative IPAS learning medium to train basic science process skills among fifth-grade elementary school students.