

ABSTRAK

Novita Kurnia Syafitri. 2026. Pengembangan Buku Digital Berbasis *Problem Based Learning* (PBL) pada Materi Sistem Pencernaan Kelas V Sekolah Dasar. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Keguruan Ilmu Pendidikan, Universitas PGRI Madiun. Pembimbing (I) Dr. Ivayuni Listiani, S.Pd., M.Pd. (II) Naniek Kusumawati, M.Pd.

Penelitian ini bertujuan untuk mengembangkan dan mengetahui tingkat kelayakan Buku Digital berbasis Problem Based Learning (PBL) pada materi sistem pencernaan untuk siswa kelas V Sekolah Dasar. Penelitian ini dilatarbelakangi oleh masih terbatasnya penggunaan bahan ajar digital interaktif dalam pembelajaran IPA, sehingga siswa kurang aktif dan mengalami kesulitan dalam memahami materi sistem pencernaan. Metode penelitian yang digunakan adalah Research and Development (R&D) dengan model pengembangan ADDIE yang meliputi tahap Analyze, Design, Develop, Implement, dan Evaluate. Namun, penelitian ini dibatasi hingga tahap Develop dan Evaluate. Subjek penelitian terdiri atas siswa kelas V dan guru kelas V SDN Kletekan I. Teknik pengumpulan data dilakukan melalui observasi, wawancara, dokumentasi, serta angket validasi dan respons pengguna. Instrumen penelitian berupa lembar validasi ahli media, ahli materi, ahli bahasa, serta angket respons guru dan siswa. Data dianalisis menggunakan skala Likert dan dikonversi ke dalam bentuk persentase untuk menentukan tingkat kelayakan produk. Hasil penelitian menunjukkan bahwa buku digital yang dikembangkan memperoleh persentase kelayakan sebesar 85% dari ahli media, 92% dari ahli materi, dan 97% dari ahli bahasa dengan rata-rata keseluruhan sebesar 91% yang termasuk dalam kategori sangat layak. Hasil respons guru memperoleh persentase rata-rata sebesar 94% dengan kategori sangat layak, sedangkan respons siswa memperoleh presentasi rata-rata 84% menunjukkan kategori sangat layak. Dengan demikian, Buku Digital berbasis Problem Based Learning (PBL) pada materi sistem pencernaan dinyatakan sangat layak digunakan sebagai media pembelajaran bagi siswa kelas V Sekolah Dasar.

Kata Kunci: Buku Digital, *Problem Based Learning*, Sistem Pencernaan, Sekolah Dasar, Pengembangan ADDIE.

ABSTRACT

Novita Kurnia Syafitri. 2026. Development of *Problem-Based Learning (PBL)* Based Digital Books on Elementary School Class V Digestive System Materials. Thesis. Elementary School Teacher Education Study Program, Faculty of Teacher Training and Education, University of PGRI Madiun. Supervisor (I) Dr. Ivayuni Listiani, S.Pd., M.Pd. (II) Naniek Kusumawati, M.Pd.

This research aims to develop and determine the feasibility level of Digital Books based on Problem Based Learning (PBL) on digestive system materials for grade V elementary school students. This research is motivated by the limited use of interactive digital teaching materials in science learning, so that students are less active and have difficulty understanding the material of the digestive system. The research method used is Research and Development (R&D) with the ADDIE development model which includes the Analyze, Design, Develop, Implement, and Evaluate stages. However, this research is limited to the Develop and Evaluate stages. The research subjects consisted of grade V students and grade V teachers of SDN Kletekan I. Data collection techniques were carried out through observation, interviews, documentation, as well as validation questionnaires and user responses. The research instruments are in the form of validation sheets of media experts, material experts, linguists, as well as questionnaires of teacher and student responses. The data is analyzed using the Likert scale and converted into a percentage form to determine the feasibility of the product. The results of the study showed that the digital books developed obtained an eligibility percentage of 85% from media experts, 92% from material experts, and 97% from linguists with an overall average of 91% which is included in the very feasible category. The results of the teacher's response obtained an average percentage of 94% with the very feasible category, while the students' response obtained an average presentation of 84%, indicating a very feasible category. Thus, Digital Books based on Problem Based Learning (PBL) on digestive system materials are stated to be very suitable for use as a learning medium for grade V elementary school students.

Keywords: Digital Books, Problem Based Learning, Digestive System, Elementary School, ADDIE Development.