

## ABSTRAK

*Azzahra Restian Iryanto. 2026. Pengembangan Media Pembelajaran Interaktif Berbasis PowerPoint pada Materi Sistem Pencernaan Manusia (IPAS Kelas 4 SD). Skripsi. Program Studi Pendidikan Guru Sekolah Dasar, FKIP, Universitas PGRI Madiun. Pembimbing (I) Dr. Elly's Mersina Mursidik, S.Pd., M.Pd (II) Dr. Hendra Erik Rudyanto, M.Pd*

Media pembelajaran merupakan komponen penting dalam pembelajaran yang berfungsi menyampaikan materi, merangsang peserta didik, dan mendorong proses belajar demi mencapai tujuan pembelajaran. Tujuan dari penelitian ini untuk mengembangkan media pembelajaran interaktif berbasis *Microsoft PowerPoint* pada materi Sistem Pencernaan Manusia dan mengetahui kevalidan, kepraktisan, serta kelayakan media pembelajaran tersebut untuk siswa kelas IV SDN Tempuran 04 Kabupaten Ngawi. Metode penelitian yang digunakan adalah *Research and Development* (R&D) dengan model ADDIE (Analisis, Desain, Pengembangan, Implementasi, dan Evaluasi). Data dikumpulkan melalui validasi ahli (materi, bahasa, media) serta angket respon guru dan siswa, serta evaluasi hasil belajar melalui kuis interaktif.

Kevalidan produk yang dikembangkan ditentukan oleh hasil validasi dari para ahli. Uji validasi ahli materi memperoleh persentase 71%, uji validasi ahli bahasa memperoleh persentase 98%, dan uji validasi akumulasi gabungan para ahli memperoleh persentase sebesar 85% dengan kriteria sangat valid. Kelayakan dan kepraktisan produk ditentukan dari hasil angket respon guru kelas IV yang memperoleh persentase 94% dengan kriteria sangat layak, serta akumulasi uji coba kepada peserta didik (uji perorangan, kelompok kecil, dan lapangan) yang memperoleh persentase skor sebesar 94% dengan kriteria sangat layak. Efektivitas penggunaan media juga dibuktikan secara empiris melalui perolehan nilai rata-rata kelas siswa yang mencapai 79 pasca-pembelajaran dengan nilai tertinggi 93. Melalui perhitungan perhitungan akumulasi akhir diperoleh nilai kelayakan total sebesar 92,7%. Dengan demikian, media pembelajaran interaktif berbasis *PowerPoint* ini valid, praktis, dan layak digunakan dalam pembelajaran IPAS di sekolah dasar.

**Kata Kunci:** Media Pembelajaran Interaktif, PowerPoint, Sistem Pencernaan Manusia

## ABSTRAC

*Azzahra Restian Iryanto. 2026. Development of PowerPoint-Based Interactive Learning Media on Human Digestive System Material (Science for Grade 4 Elementary School). Thesis. Primary School Teacher Education, FKIP, Universitas PGRI Madiun. Supervisor (I) Dr. Elly's Mersina Mursidik, S.Pd., M.Pd (II) Dr. Hendra Erik Rudyanto, M.Pd*

Learning media is an important component in learning that functions to convey material, stimulate students, and encourage the learning process to achieve learning objectives. The purpose of this study is to develop Microsoft PowerPoint-based interactive learning media on the Human Digestive System material and to determine the validity, practicality, and feasibility of the learning media for 4th-grade students at SDN Tempuran 04 Ngawi Regency. The research method used is Research and Development (R&D) with the ADDIE model (Analysis, Design, Development, Implementation, and Evaluation). Data were collected through expert validation (material, language, media) as well as teacher and student response questionnaires, and learning outcome evaluations through interactive quizzes.

The validity of the developed product is determined by the validation results from experts. The material expert validation test obtained a percentage of 71%, the language expert validation test obtained a percentage of 98%, and the cumulative expert validation test obtained a percentage of 85% with very valid criteria. The feasibility and practicality of the product were determined from the results of the 4th-grade teacher response questionnaire which obtained a percentage of 94% with very appropriate criteria, and the accumulated trials on students (individual, small group, and field trials) which obtained a percentage score of 94% with very appropriate criteria. The effectiveness of using the media was also proven empirically through the achievement of the class average score of students which reached 79 post-learning with the highest score of 93. Through the final accumulation calculation, the total feasibility score was 92.7%. Thus, this PowerPoint-based interactive learning media is valid, practical, and suitable for use in learning IPAS in elementary schools.

**Keywords:** Interactive Learning Media, PowerPoint, Human Digestive System