

Novasari, 2025. Pengembangan Multimedia Pada Mata Pelajaran Matematika Materi Penyajian Data Kelas III SD Negeri Banjarsari Kabupaten Jombang. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunojoyo Madura.
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ABSTRAK

Abstrak: Tujuan penelitian ini adalah untuk mengembangkan multimedia pembelajaran materi penyajian data yang valid, praktis, dan efektif untuk pembelajaran Matematika materi penyajian data kelas III SD Negeri Banjarsari. Penelitian ini menggunakan metode penelitian *RnD* dengan model pengembangan ADDIE. Subjek penelitian ini adalah kelas III SD Negeri Banjarsari Kabupaten Jombang tahun ajaran 2024/2025. Hasil analisis kevalidan menunjukkan bahwa media tergolong sangat valid dengan rata-rata penilaian dari tiga validator ahli sebesar 90%, yaitu validator ahli bahasa dan materi sebesar 87,5%, validator ahli desain pembelajaran sebesar 87,5%, dan validator ahli media pembelajaran sebesar 95%. Dari segi keefektifan, aktivitas pendidik selama pembelajaran uji coba kelompok dan besar memperoleh rata-rata sebesar 98% yang termasuk kategori sangat efektif. Aktivitas peserta didik juga tergolong sangat efektif dengan rata-rata sebesar 92% pada kedua kelompok uji coba. Hasil belajar kognitif peserta didik menunjukkan ketuntasan klasikal sebesar 92% pada kelompok dan 85% pada uji coba lapangan. Aspek kepraktisan berdasarkan angket respon menunjukkan bahwa pada uji coba kelompok, pendidik memberikan penilaian sebesar 87,5% dan peserta didik sebesar 87,3%. Sementara pada uji coba lapangan, pendidik memberikan penilaian sebesar 90% dan peserta didik sebesar 88%. Dengan demikian, media pembelajaran yang dikembangkan dinyatakan sangat valid, sangat efektif, dan sangat praktis untuk digunakan dalam pembelajaran di sekolah dasar.

Kata kunci: ADDIE, multimedia materi penyajian data, pengembangan multimedia pembelajaran

Novasari, 2025. *Multimedia Development in Mathematics Subjects Data Presentation The Third Class of Banjarsari Jombang Elementary School*. Thesis, Elementary School Teacher Education Study Program, Faculty of Teacher Training and Education, Universitas Trunojoyo Madura.
Advisor: Qurrotu Inayatil Maula, M.Pd.

ABSTRACT

The purpose of this study is to develop valid, practical, and effective multimedia learning materials for teaching data presentation in mathematics for third-grade students at Banjarsari Public Elementary School. This study used the RnD research method with the ADDIE development model. The subjects of this study were third-grade students at Banjarsari Public Elementary School in Jombang Regency in the 2024/2025 academic year. The validity analysis results indicate that the media is highly valid, with an average rating of 90% from three expert validators: 87.5% from language and content experts, 87.5% from instructional design experts, and 95% from educational media experts. In terms of effectiveness, the educators' activities during the small and large group pilot tests achieved an average of 98%, which falls into the highly effective category. The students' activities were also highly effective, with an average of 92% in both pilot groups. The cognitive learning outcomes of the students showed a classical completion rate of 92% in the small group and 85% in the large group. The practicality aspect, based on the response questionnaire, showed that in the small group trial, educators gave a rating of 87.5% and students gave a rating of 87.3%. Meanwhile, in the large group trial, educators rated it at 90% and students at 88%. Thus, the developed learning media is deemed highly valid, highly effective, and practical for use in elementary school education.

Keywords: *ADDIE, multimedia data presentation material, learning multimedia development*