

ABSTRAK

Sabrina Budi Permata Putri. 2026. Pengembangan Media Pembelajaran *Digicomics* “Pelangi Si Cahaya Ajaib” Sebagai Upaya Meningkatkan Pemahaman Materi Sifat Cahaya Untuk Peserta Didik Kelas V Sekolah Dasar. Tesis. Madiun: Program Studi Magister Pendidikan Dasar, Sekolah Pascasarjana, Universitas PGRI Madiun. Pembimbing (1) Dr. Ivayuni Listiani, M.Pd., Pembimbing (2) Dr. Candra Dewi, M.Pd.

Penelitian ini bertujuan untuk mengembangkan media pembelajaran *Digicomics* “Pelangi Si Cahaya Ajaib” pada materi sifat cahaya untuk peserta didik kelas V sekolah dasar serta mengetahui peningkatan pemahaman peserta didik setelah menggunakan media tersebut. Penelitian ini menggunakan metode Research and Development (R&D) dengan model pengembangan ADDIE yang terdiri atas tahap analysis, design, development, implementation, dan evaluation. Data penelitian diperoleh melalui observasi, wawancara, angket, validasi ahli, serta tes pretest dan posttest. Analisis peningkatan pemahaman peserta didik dilakukan menggunakan N-Gain. Hasil penelitian menunjukkan bahwa rata-rata nilai pretest sebesar 65,56 dan meningkat menjadi 81,11 pada posttest. Hasil perhitungan N-Gain memperoleh nilai rata-rata sebesar 0,46 dengan kategori sedang. Dengan demikian, media pembelajaran *Digicomics* “Pelangi Si Cahaya Ajaib” dapat digunakan sebagai media pembelajaran yang menarik untuk membantu meningkatkan pemahaman peserta didik kelas V terhadap materi sifat cahaya.

Kata Kunci: *Digicomics, media pembelajaran, sifat cahaya, sekolah dasar*

ABSTRACT

Sabrina Budi Permata Putri. 2026. Development of *Digicomics “Pelangi Si Cahaya Ajaib”* Learning Media as an Effort to Improve Understanding of the Properties of Light among Fifth-Grade Elementary School Students. Thesis. Madiun: Master’s Program in Elementary Education, Graduate School, Universitas PGRI Madiun. Advisors: (1) Dr. Ivayuni Listiani, M.Pd., and (2) Dr. Candra Dewi, M.Pd.

This study aimed to develop the Digicomics learning media entitled “Pelangi Si Cahaya Ajaib” for teaching the properties of light to fifth-grade elementary school students and to determine the improvement in students’ understanding after using the media. This study employed a Research and Development (R&D) method using the ADDIE development model, which consists of five stages: analysis, design, development, implementation, and evaluation. The data were collected through observations, interviews, questionnaires, expert validation, and pretest and posttest assessments. The improvement in students’ understanding was analyzed using the N-Gain score. The results showed that the average pretest score was 65.56, which increased to 81.11 in the posttest. The average N-Gain score was 0.46, indicating a moderate level of improvement. Therefore, the Digicomics learning media “Pelangi Si Cahaya Ajaib” can be used as an engaging learning medium to help improve fifth-grade students’ understanding of the properties of light.

Keywords: *Digicomics, learning media, properties of light, elementary school*