

Naila Nafaul Faiza, 2025. *Pengembangan Komik Ipas Perubahan Bentuk Energi Dalam Mengoptimalkan Hasil Belajar Kognitif Siswa Kelas 4 SDN Pudak Kulon Ponorogo*. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar Fakultas Keguruan dan Ilmu Pendidikan Universitas Trunojoyo Madura. Dosen Pembimbing Fachrur Rozie, S.Pd., M.Pd.

ABSTRAK

Penelitian dan pengembangan ini bertujuan untuk menghasilkan media komik yang valid, efektif, dan menarik pada pokok bahasan perubahan bentuk energi untuk mengoptimalkan hasil belajar siswa kelas IV SDN Pudak Kulon Ponorogo. Metode penelitian yang digunakan adalah Penelitian dan Pengembangan (R&D) dengan model ADDIE. Penelitian dan pengembangan ini menggunakan model ADDIE dengan tahapan *Analyze, Design, Development, Implementation, Evaluation*. Kevalidan media komik IPAS diperoleh dari validator ahli materi 95%, ahli media 97,5%, dan ahli desain pembelajaran 96,4%, dari masing-masing validator tersebut mendapatkan kategori “sangat valid”. Presentase keefektifan media komik IPAS diperoleh dari hasil belajar peserta didik yang diperoleh pada uji coba kelompok kecil 100% dan uji coba kelompok besar 100%, serta lembar observasi aktivitas peserta didik pada uji coba kelompok kecil 85,3%, pada uji kelompok besar mendapatkan nilai 87,6%. Kemenarikan media pembelajaran IPAS diperoleh dari hasil respon peserta didik pada kelompok kecil 95,5% dan pada uji kelompok besar 94,8%, serta diperoleh dari hasil respon guru sebesar 98,3%, dari hasil tersebut mendapatkan kategori “sangat menarik”. Berdasarkan hasil penelitian maka media komik IPAS materi perubahan bentuk energi dalam mengoptimalkan hasil belajar siswa kelas 4 dikatakan valid, efektif dan menarik untuk digunakan dalam kegiatan pembelajaran di kelas 4 SDN Pudak Kulon Ponorogo.

Kata-Kata Kunci: media pembelajaran, komik, perubahan bentuk energi, hasil belajar

Naila Nafaul Faiza, 2025. Development of Science Comics on Changes in Energy Forms in Optimizing Cognitive Learning Outcomes of Grade 4 Students of Pudak Kulon Elementary School, Ponorogo. Thesis, Elementary School Teacher Education Program, Faculty of Teacher Training and Education, Trunojoyo University of Madura. Supervisor: Fachrur Rozie, S.Pd., M.Pd.

ABSTRACT

This research and development aims to produce valid, effective, and interesting comic media on the subject of energy transformation to optimize the learning outcomes of fourth grade students of SDN Pudak Kulon Ponorogo. The research method used is Research and Development (R&D) with the ADDIE model. This research and development uses the ADDIE model with the stages of Analyze, Design, Development, Implementation, Evaluation. The validity of the social science comic media was obtained from the validator of material experts 95%, media experts 97.5%, and learning design experts 96.4%, from each validator getting the category "very valid". The percentage of effectiveness of the social science comic media was obtained from the learning outcomes of students obtained in small group trials of 100% and large group trials of 100%, as well as observation sheets of student activities in small group trials of 85.3%, in large group trials getting a value of 87.6%. The attractiveness of the science learning media was obtained from the results of student responses in small groups of 95.5% and in large group tests of 94.8%, and obtained from the results of teacher responses of 98.3%, from these results it was categorized as "very interesting". Based on the results of the study, the science comic media on the material of changes in energy forms in optimizing the learning outcomes of grade 4 students was said to be valid, effective and interesting to be used in learning activities in grade 4 of SDN Pudak Kulon Ponorogo.

Keywords: *learning media, comic, changes in energy form, learning outcome*

