

ABSTRACT

Sutiani. 2026. *Development of Integrated PowerPoint Learning Media with ClassPoint to Improve Interaction and Cognitive Learning Outcomes on Earth's Rotation and Revolution in Sixth Grade Elementary School Students.* Thesis. Madiun: Master of Primary Education Study Program, Graduate School, PGRI University Madiun. Advisors: (I) Dr. Jeffry Handhika, M.Pd., M.Si., (II) Dr. Ivayuni Listiani, M.Pd.

Keywords: interactive learning media, PowerPoint, ClassPoint, learning outcomes, learning interaction

Advances in digital technology call for innovation in instructional media to enhance student interaction and learning outcomes in abstract IPAS topics, such as the Earth's rotation and revolution. Based on a needs analysis at Sumber Public Elementary School, instruction is still dominated by lectures and conventional PowerPoint presentations, resulting in suboptimal interaction and cognitive learning outcomes. This study aims to develop a ClassPoint-integrated PowerPoint presentation that is appropriate and effective for improving interaction and cognitive learning outcomes among sixth-grade students. The study employed the Research and Development (R&D) method using the ADDIE model and involved 18 sixth-grade students at Sumber Public Elementary School, Pangkur Subdistrict, Ngawi Regency. Data were collected through observation, expert validation questionnaires, student responses, and learning outcome tests, then analyzed using descriptive statistics, normality tests, paired-sample t-tests, and N-Gain. The results showed that the media were highly suitable and received an excellent response. The average learning achievement increased from 56.67 to 85.00, while learning interaction increased from 71.94 to 85.83. The paired-sample t-test revealed a significant difference ($\text{Sig.} = 0.000 < 0.05$), with an N-Gain of 0.56, categorized as moderate. This medium is suitable and effective in supporting active, interactive, and student-centered IPAS learning.

ABSTRAK

Sutiani. 2026. *Pengembangan Media Pembelajaran PowerPoint Terintegrasi Dengan ClassPoint Untuk Meningkatkan Interaksi dan Hasil Belajar Kognitif Rotasi dan Revolusi Bumi Pada Siswa Kelas VI SD*. Tesis. Madiun: Program Studi Magister Pendidikan Dasar, Sekolah Pascasarjana, Universitas PGRI Madiun. Pembimbing (I) Dr. Jeffry Handhika, M.Pd., M.Si., (II) Dr. Ivayuni Listiani, M.Pd.

Kata Kunci : media pembelajaran, *PowerPoint*, *ClassPoint*, interaksi belajar, hasil belajar kognitif.

Perkembangan teknologi digital menuntut inovasi media pembelajaran untuk meningkatkan interaksi dan hasil belajar siswa pada materi IPAS yang bersifat abstrak, seperti rotasi dan revolusi bumi. Berdasarkan analisis kebutuhan di SD Negeri Sumber, pembelajaran masih didominasi ceramah dan *PowerPoint* konvensional sehingga interaksi dan hasil belajar kognitif belum optimal. Penelitian ini bertujuan mengembangkan media *PowerPoint* terintegrasi *ClassPoint* yang layak dan efektif untuk meningkatkan interaksi serta hasil belajar kognitif siswa kelas VI. Penelitian menggunakan metode *Research and Development* (R&D) dengan model *ADDIE* dan melibatkan 18 siswa kelas VI SD Negeri Sumber, Kecamatan Pangkur, Kabupaten Ngawi. Data dikumpulkan melalui observasi, angket validasi ahli, respons siswa, dan tes hasil belajar, kemudian dianalisis menggunakan statistik deskriptif, uji normalitas, *paired sample t-test*, dan *N-Gain*. Hasil penelitian menunjukkan media sangat layak dan mendapat respons sangat baik. Rata-rata hasil belajar meningkat dari 56,67 menjadi 85,00, sedangkan interaksi belajar meningkat dari 71,94 menjadi 85,83. Uji *paired sample t-test* menunjukkan perbedaan signifikan ($Sig. = 0,000 < 0,05$), dengan *N-Gain* 0,56 berkategori sedang. Media ini layak dan efektif mendukung pembelajaran IPAS yang aktif, interaktif, dan berpusat pada siswa.