

**PENGARUH MEDIA PEMBELAJARAN INTERAKTIF  
BERBASIS MULTIMEDIA PADA MATA PELAJARAN  
IPAS MATERI CAHAYA DAN BUNYI TERHADAP  
HASIL BELAJAR SISWA KELAS V SD  
NEGERI 067242 MEDAN  
T.P 2025/2026**

**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui pengaruh media pembelajaran interaktif berbasis multimedia terhadap hasil belajar siswa pada mata pelajaran IPAS materi cahaya dan bunyi kelas V SD Negeri 067242 Medan Tahun Pelajaran 2025/2026. Penelitian ini menggunakan metode kuantitatif dengan pendekatan *pre-eksperimental one group pretest-posttest design*. Subjek penelitian adalah seluruh siswa kelas V yang berjumlah 24 orang. Instrumen penelitian berupa tes hasil belajar (*essay*) yang diberikan sebelum perlakuan (*pretest*) dan sesudah perlakuan (*posttest*). Data dianalisis menggunakan uji prasyarat analisis, yaitu uji normalitas, serta uji hipotesis menggunakan uji t. Hasil penelitian menunjukkan bahwa nilai rata-rata pretest siswa sebesar 52,08, sedangkan nilai rata-rata *posttest* meningkat menjadi 82,50. Hasil uji hipotesis menunjukkan nilai t hitung sebesar 14,71 dan t tabel sebesar 2,06 pada taraf signifikansi  $\alpha = 0,05$ , sehingga  $H_0$  ditolak dan  $H_1$  diterima. Hal ini menunjukkan bahwa penggunaan media pembelajaran interaktif berbasis multimedia berpengaruh signifikan terhadap hasil belajar IPAS siswa. Berdasarkan hasil penelitian tersebut, dapat disimpulkan bahwa media pembelajaran interaktif berbasis multimedia efektif dalam meningkatkan hasil belajar, pemahaman konsep, serta motivasi belajar siswa pada materi cahaya dan bunyi di kelas V sekolah dasar.

**Kata Kunci:** Media pembelajaran interaktif, Multimedia, IPAS, Hasil belajar

**THE INFLUENCE OF MULTIMEDIA-BASED INTERACTIVE  
LEARNING MEDIA ON SUBJECT SUBJECTS IPAS OF  
LIGHT AND SOUND MATERIALS LEARNING  
RESULTS OF CLASS V SD STUDENTS  
STATE 067242 MEDAN  
T.P 2025/2026**

**ABSTRACT**

*This study aims to determine the effect of interactive multimedia-based learning media on students' learning outcomes in the IPAS subject on the topic of light and sound for fifth-grade students at SD Negeri 067242 Medan in the 2025/2026 academic year. This research employed a quantitative method using a pre-experimental design with a one-group pretest–posttest approach. The research subjects consisted of all fifth-grade students totaling 24 students. The research instrument was an essay-type learning outcomes test administered before the treatment (pretest) and after the treatment (posttest). The data were analyzed using prerequisite tests, namely the normality test, and hypothesis testing using the t-test. The results showed that the average pretest score was 52.08, while the average posttest score increased to 82.50. The hypothesis testing results indicated that the calculated t-value was 14.71, while the t-table value was 2.06 at a significance level of  $\alpha = 0.05$ , resulting in the rejection of  $H_0$  and acceptance of  $H_1$ . These findings indicate that the use of interactive multimedia-based learning media has a significant effect on students' IPAS learning outcomes. Based on the results of this study, it can be concluded that interactive multimedia-based learning media are effective in improving learning outcomes, conceptual understanding, and students' learning motivation on the topic of light and sound in fifth-grade elementary school.*

**Keywords:** *interactive learning media, multimedia, IPAS, learning outcomes*