

## ABSTRAK

Mahara Rizki 2025. *Efektivitas Media Interaktif Berbasis Articulate Storyline Terhadap Peningkatan Pemahaman Pada Materi Organ Tubuh Manusia dan Hewan Siswa Kelas V SDN Terung Kabupaten Magetan*. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar, FKIP, Universitas PGRI Madiun. Pembimbing (I) Dr. Dahlia Novarianing Asri, S.Psi., M.Si. , (II) Dr. Ivayuni Listiani, S.Pd., M.Pd.

Kemajuan teknologi di bidang pendidikan menuntut guru untuk menggunakan media pembelajaran yang inovatif dan interaktif agar pembelajaran menjadi lebih menarik dan efektif. Namun, berdasarkan hasil observasi di SDN Terung, pembelajaran IPA pada materi organ tubuh manusia dan hewan di kelas V masih menggunakan metode ceramah dan masih jarang menggunakan media interaktif, sehingga pemahaman siswa rendah dan banyak yang belum memenuhi Kriteria Ketuntasan Minimal (KKM). Penelitian ini bertujuan untuk mengetahui efektivitas media interaktif berbasis Articulate Storyline (AS) dalam meningkatkan pemahaman siswa kelas V pada materi organ tubuh manusia dan hewan. Penelitian ini menggunakan pendekatan kuantitatif dengan desain pra-eksperimen *one group pretest-posttest design*. Subjek penelitian adalah seluruh siswa kelas V SDN Terung sebanyak 25 siswa. Instrumen penelitian berupa soal pretest dan posttest yang telah melalui uji validitas, reliabilitas, tingkat kesukaran, dan daya beda. Penelitian dilaksanakan melalui tiga tahap: pemberian pretest, penerapan pembelajaran dengan media interaktif berbasis AS selama beberapa pertemuan, dan pemberian posttest. Analisis data dilakukan dengan uji normalitas, homogenitas, dan uji t (paired sample t-test) menggunakan bantuan SPSS. Hasil penelitian menunjukkan terjadi peningkatan signifikan pada nilai pemahaman siswa setelah perlakuan, dengan nilai rata-rata *pretest* 38,68 meningkat menjadi 77,36 pada *posttest*. Hasil uji t menunjukkan nilai signifikansi  $0,000 < 0,05$ , sehingga hipotesis nol ditolak dan hipotesis alternatif diterima. Hal ini membuktikan bahwa media interaktif berbasis *Articulate Storyline* efektif meningkatkan pemahaman siswa pada materi organ tubuh manusia dan hewan. Penggunaan media ini membuat pembelajaran lebih menarik, interaktif, dan mendorong keterlibatan aktif siswa, sehingga layak dijadikan alternatif inovasi pembelajaran IPA di sekolah dasar.

Kata Kunci: Media Interaktif, *Articulate Storyline*, Pemahaman Siswa

## ABSTRACT

Mahara Rizki 2025. The Effectiveness of Articulate Storyline-Based Interactive Media in Increasing Understanding of Human and Animal Organs in Class V Students of SDN Terung, Magetan Regency. Thesis. Primary School Teacher Education Study Program, FKIP, PGRI Madiun University. Supervisor (I) Dr. Dahlia Novarianing Asri, S.Psi., M.Si. , (II) Dr. Ivayuni Listiani, S.Pd., M.Pd.

Technological advances in education require teachers to use innovative and interactive learning media to make learning more interesting and effective. However, based on observations at SDN Terung, science learning on human and animal organs in grade V still uses the lecture method and rarely uses interactive media, resulting in low student understanding and many students have not met the Minimum Completion Criteria (KKM). This study aims to determine the effectiveness of interactive media based on Articulate Storyline (AS) in improving fifth-grade students' understanding of human and animal organs. This study uses a quantitative approach with a pre-experimental one group pretest-posttest design. The subjects were all 25 fifth-grade students at SDN Terung. The research instruments were pretest and posttest questions that had been tested for validity, reliability, difficulty level, and discrimination power. The study was conducted in three stages: administering a pretest, implementing learning with AS-based interactive media for several meetings, and administering a posttest. Data analysis was carried out using normality, homogeneity, and paired sample t-test tests using SPSS. The results showed a significant increase in students' understanding scores after the treatment, with an average pretest score of 38.68 increasing to 77.36 in the posttest. The t-test results showed a significance value of  $0.000 < 0.05$ , so the null hypothesis was rejected and the alternative hypothesis was accepted. This proves that interactive media based on Articulate Storyline is effective in improving students' understanding of human and animal organs. The use of this media makes learning more interesting, interactive, and encourages active student involvement, making it a suitable alternative for science learning innovation in elementary schools.

Keywords: Interactive Media, Articulate Storyline, Student Understanding