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ABSTRAK

Penelitian ini bertujuan untuk mengetahui kevalidan, peningkatan literasi sains aspek kompetensi, respons siswa, dan keterbacaan terhadap media pembelajaran berbasis *website google sites* pada materi klasifikasi makhluk hidup. Penelitian ini merupakan penelitian R&D (*Research and Development*) dengan model pengembangan ADDIE (*Analyze, Design, Development, Implementation, and evaluation*). Desain penelitian ini menggunakan *one group pretest posttest*. Penelitian dilakukan di SMP Negeri 2 Bangkalan dengan populasi penelitian kelas VII dan IX tahun ajaran 2024/2025. Sampel penelitian pada uji perorangan yaitu 2 siswa, uji coba kelompok kecil 8 siswa, dan implementasi 32 siswa yang dipilih melalui teknik *random sampling*. Teknik pengumpulan data menggunakan wawancara, kuesioner, tes, dan dokumentasi. Berdasarkan hasil penelitian diperoleh (1) media *website google sites* yang dikembangkan memperoleh hasil validasi ahli media sebesar 97,4 % dengan kategori sangat valid dan hasil validasi ahli materi sebesar 97,29 % dengan kategori sangat valid, (2) literasi sains siswa mengalami peningkatan setelah menggunakan media *website google sites* dengan skor *N-Gain* 0,71 dengan kategori tinggi, (3) respons siswa terhadap media *website google sites* memperoleh hasil 87,38 % dengan kategori sangat baik, (4) keterbacaan media *website google sites* memperoleh hasil 92,97 % dengan kategori sangat baik. Simpulan pada penelitian ini yaitu media pembelajaran berbasis *website google sites* valid untuk digunakan dan dapat membantu peningkatan literasi sains siswa aspek kompetensi pada materi klasifikasi makhluk hidup serta memperoleh respons siswa dan keterbacaan yang sangat baik.

Kata Kunci: *Website Google Sites*, klasifikasi makhluk hidup, literasi sains

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ABSTRACT

The research aims to determine the validity, increase scientific literacy in competency aspects, student responses, and readability of Google Sites website-based learning media on the classification of living things. This research is R&D (Research and Development) research with the ADDIE (Analyze, Design, Development, Implementation, and evaluation) development model. The research design uses one group pretest posttest. The research was conducted at SMP Negeri 2 Bangkalan with a research population of classes VII and IX for the 2024/2025 academic year. The research samples for individual trials were 2 students, small group trials were 8 students, and implementation was 32 students selected through random sampling techniques. Data collection techniques use interviews, questionnaires, tests and documentation. Based on the research results, it was found that (1) the Google Sites website media that was developed obtained media expert validation results of 97.4% in the very valid category and material expert validation results of 97.29% in the very valid category, (2) students' scientific literacy experienced an increase after using the google sites website media with an N-Gain score of 0.71 in the high category, (3) students responses to the google sites website media obtained results of 87.38% in the very good category, (4) readability of the google sites website media. obtained a result of 92.97% in the very good category. The conclusion of this study is that the Google Sites website-based learning media is valid for use and can help improve students' scientific literacy in terms of competency in the material on the classification of living things and obtain very good student responses and readability.

Keywords: *Google sites website, classification of living things, scientific literacy*