

Frisca Adilah Khoiri. 2026. Pengembangan Buku Saku Berkontekss Mata Air Umbulan untuk Meningkatkan Hasil Belajar Siswa. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan dan Keguruan, Universitas Trunodjoyo Madura. Pembimbing: Try Hartiningsih, S.Pd., M.Pd.

ABSTRAK

Pengembangan bahan ajar yang kontekstual diperlukan untuk mendukung peningkatan hasil belajar siswa melalui pembelajaran yang lebih bermakna dan dekat dengan lingkungan sekitar. Tujuan penelitian ini adalah untuk mengetahui kevalidan, keterbacaan, respons siswa, dan peningkatan hasil belajar melalui pengembangan buku saku IPA berkonteks Mata Air Umbulan pada materi klasifikasi makhluk hidup. Penelitian ini menggunakan metode Research and Development (R&D) dengan model pengembangan ADDIE. Subjek penelitian adalah 32 siswa kelas VII B SMPN 1 Winongan. Data dikumpulkan menggunakan lembar validasi ahli media dan ahli materi, angket keterbacaan, angket respons siswa, serta tes hasil belajar berupa pretest dan posttest. Data dianalisis secara deskriptif kuantitatif menggunakan persentase dan N-Gain. Hasil penelitian menunjukkan bahwa buku saku memperoleh kategori sangat valid berdasarkan penilaian ahli, memiliki tingkat keterbacaan sangat tinggi, serta memperoleh respons yang sangat baik dari siswa. Hasil belajar siswa mengalami peningkatan dengan rata-rata N-Gain sebesar 0,43 berkategori sedang. Berdasarkan hasil tersebut, buku saku IPA berkonteks Mata Air Umbulan dinyatakan valid, memiliki keterbacaan yang baik, memperoleh respons positif dari siswa, serta layak digunakan sebagai bahan ajar pendamping pada materi klasifikasi makhluk hidup. Pengembangan selanjutnya disarankan menambahkan lebih banyak aktivitas analisis dan latihan untuk mengoptimalkan peningkatan hasil belajar.

Kata Kunci: ADDIE, buku saku IPA, hasil belajar, klasifikasi makhluk hidup, Mata Air Umbulan.

Frisca Adilah Khoiri. 2026. Development of a Pocket Book on the Context of Umbulan Springs to Improve Student Learning Outcomes. Thesis, Science Education Study Program, Faculty of Education and Teacher Training, Trunojoyo University Madura. Preceptor: Try Hartiningsih, S.Pd., M.Pd.

ABSTRACT

The development of contextual teaching materials is needed to support the improvement of student learning outcomes through more meaningful and environmental-friendly learning. The purpose of this study was to determine the validity, readability, student responses, and improvement of learning outcomes through the development of a science pocket book with the context of Umbulan Spring on the material of classification of living things. This study used the Research and Development (R&D) method with the ADDIE development model. The subjects were 32 students of class VII B of SMPN 1 Winongan. Data were collected using validation sheets from media experts and material experts, readability questionnaires, student response questionnaires, and learning outcome tests in the form of pretests and posttests. Data were analyzed descriptively quantitatively using percentages and N-Gain. The results showed that the pocket book obtained a very valid category based on expert assessments, had a very high level of readability, and received very good responses from students. Student learning outcomes increased with an average N-Gain of 0.43 in the moderate category. Based on these results, the science pocketbook on the Umbulan Spring was declared valid, had good readability, received positive feedback from students, and was suitable for use as a supplementary teaching material for the classification of living things. Further development is recommended to include more analysis activities and exercises to optimize learning outcomes.

Keywords: ADDIE, classification of living things, learning outcomes, science pocketbook, Umbulan Spring.