

Siti Nuraini. 2023. *Pengembangan LKPD Diferensiasi pada Materi Keanekaragaman Hayati*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura, Pembimbing: Rahmad Fajar Sidik.

ABSTRAK

LKPD diferensiasi merupakan salah satu bentuk bahan ajar untuk menunjang proses pembelajaran IPA pada materi keanekaragaman hayati sesuai dengan kebutuhan gaya belajar siswa. Desain pengembangan yang digunakan adalah ADDIE (Analyze, Design, Develop, Implement, dan Evaluate). Penelitian ini bertujuan untuk mengetahui kelayakan LKPD, keterbacaan, dan respon siswa terhadap LKPD diferensiasi pada materi keanekaragaman hayati. Uji coba media dilakukan kepada 25 siswa kelas VII E SMPN 1 Blega. Hasil penelitian menunjukkan bahwa: (1) LKPD diferensiasi layak digunakan sebagai bahan ajar dengan rata-rata hasil validitas pada aspek media sebesar 87,92 dalam kategori sangat layak, dengan rata-rata hasil reliabilitas media sebesar 89,05% dalam kategori reliabel. Rata-rata hasil validitas pada aspek materi sebesar 91,7 dalam kategori sangat layak, dengan rata-rata hasil reliabilitas materi sebesar 90,48% dalam kategori reliabel. (2) Rata-rata hasil keterbacaan sebesar 91% dalam kategori sangat baik, menunjukkan bahwa LKPD diferensiasi pada materi keanekaragaman hayati memiliki keterbacaan yang sangat baik, dan (3) Rata-rata hasil respon siswa sebesar 92% dalam kategori sangat menarik, menunjukkan bahwa siswa sangat tertarik dalam menggunakan LKPD diferensiasi.

Kata kunci: LKPD, pembelajaran diferensiasi, model ADDIE, keanekaragaman hayati

Siti Nuraini. 2023. *Development of Differentiation LKPD on Biodiversity Material*. Thesis, Science Education Study Program, Faculty of Education, University of Trunojoyo Madura, Supervisor: Rahmad Fajar Sidik.

ABSTRACT

Differentiation LKPD is a form of teaching material to support the science learning process on biodiversity material in accordance with the needs of students' learning styles. The development design used is ADDIE (*Analyze, Design, Develop, Implement, and Evaluate*). This study aims to determine the feasibility of LKPD, legibility, and students' responses to differentiation LKPD on biodiversity material. The media trial was conducted on 25 class VII E students of SMPN 1 Blega. The results showed that: (1) differentiation worksheets were suitable for use as teaching materials with an average validity result on the media aspect of 87.92 in the very feasible category, with an average media reliability result of 89.04% in the reliable Siti category. The average result of the validity of the material aspect is 91.7 in the very feasible category, with an average material reliability result of 90.48% in the reliable category. (2) The average readability result is 91% in the very good category, indicating that the differentiation LKPD on biodiversity material has very good readability, and (3) The average student response result is 92% in the very interesting category, indicating that students are very interested in using differentiation LKPD.

Keywords: LKPD, differentiation learning, ADDIE model, biodiversity