

Eka Mardiana Oktavia. 2021. *Pengembangan LKPD Elektronik Berbasis Pendekatan Saintifik pada Materi Klasifikasi Materi dan Perubahannya*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Laila Khamsatul Muharrami

ABSTRAK

Penelitian ini bertujuan untuk mengetahui kelayakan media LKPD Elektronik Berbasis Pendekatan Saintifik pada Materi Klasifikasi Materi dan Perubahannya pada siswa SMP. Penelitian ini menggunakan metode penelitian pengembangan dengan model ADDIE (*Analyze, Design, Development, Implementation, dan Evaluation*). Waktu penelitian dilaksanakan pada semester genap tahun ajaran 2020/2021. Populasi penelitian ini adalah siswa kelas VII SMP. Pengambilan sampel menggunakan teknik Simple Random Sampling sebanyak 20 siswa kelas VII SMP Konang, media LKPD Elektronik Berbasis Pendekatan Saintifik diuji cobakan secara offline. Data dikumpulkan melalui teknik pengambilan angket dan dokumentasi. Dari hasil perolehan perhitungan dan analisis data untuk validitas media mendapatkan skor rata-rata 81% dengan kriteria sangat layak, dan pada validitas materi memperoleh skor rata-rata sebesar 88,4% dengan kriteria sangat layak. Penilaian respon siswa terhadap LKPD Elektronik Berbasis Pendekatan Saintifik pada Materi Klasifikasi Materi dan Perubahannya memperoleh skor rata-rata sebesar 85% dengan kriteria sangat baik. Penilaian keterbacaan LKPD Elektronik Berbasis Pendekatan Saintifik pada Materi Klasifikasi Materi dan Perubahannya memperoleh skor rata-rata sebesar 83% dengan kriteria tinggi. Berdasarkan perolehan hasil tersebut menunjukkan bahwa LKPD Elektronik Berbasis Pendekatan Saintifik pada Materi Klasifikasi Materi dan Perubahannya yang telah dikembangkan dikatakan layak digunakan sebagai bahan ajar di sekolah.

Kata kunci: Saintifik, LKPD elektronik, model *ADDIE*

Eka Mardiana Oktavia. 2021. *Development of Electronic LKPD Based on Scientific Approach on Material Classification of Materials and Its Changes*. Thesis, Science Education Study Program, Faculty of Education, Trunojoyo University Madura. Supervisor: Laila Khamsatul Muharrami

ABSTRACT

This study aims to determine the electronic LKPD media based on a scientific approach on the material classification of materials and their changes in junior high school students. This research uses development research method with ADDIE model (*Analysis, Design, Development, Implementation, and Evaluation*). The time of the research was carried out in the even semester of the 2020/2021 academic year. The population of this study were seventh grade students of SMP. Sampling using the Simple Random Sampling technique as many as 20 students of class VII SMP Konang, Electronic LKPD media Based on Scientific Approach tested offline. Data were collected through questionnaires and documentation techniques. From the results of calculations and data analysis for media validity, an average score of 81% with very feasible criteria, and material validity obtained an average score of 88.4% with very feasible criteria. The assessment of student responses to Electronic LKPD Based on Scientific Approach on Material Classification and Changes obtained an average score of 85% with very good criteria. The readability assessment of Electronic LKPD Based on Scientific Approach on Material Classification of Materials and Its Changes obtained an average score of 83% with high criteria. Based on these results, it shows that the Electronic LKPD Based on a Scientific Approach on Material Classification of Materials and Changes that have been developed is said to be feasible as teaching materials in schools.

Keywords: Scientific, electronic LKPD, *ADDIE* model