

**PENGEMBANGAN LEMBAR KERJA PESERTA DIDIK
INTERAKTIF BERBASIS PENDEKATAN SAINTIFIK PADA
MATERI SISTEM PERNAPASAN MANUSIA MUATAN IPA
KELAS V SD NO. 5 ABIANSEMAL TAHUN AJARAN
2021/2022**

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ABSTRAK

Penelitian pengembangan ini dilatar belakangi oleh kurangnya penggunaan LKPD sebagai bahan ajar yang sesuai dengan kurikulum 2013. Selain itu, pemanfaatan teknologi kurang dimanfaatkan dalam mengembangkan bahan ajar yang menarik bagi peserta didik. Pelaksanaan penelitian ini bertujuan untuk mengetahui rancang bangun LKPD interaktif berbasis pendekatan saintifik pada materi sistem pernapasan manusia muatan IPA kelas V SD No. 5 Abiansemal tahun ajaran 2021/2022 dan untuk mengetahui kelayakan LKPD interaktif berbasis pendekatan saintifik pada materi sistem pernapasan manusia muatan IPA kelas V SD No. 5 Abiansemal tahun ajaran 2021/2022. LKPD interaktif dikembangkan dengan menggunakan model pengembangan ADDIE (*Analyze, Design, Development, Implementation, dan Evaluation*). Data yang dikumpulkan dalam penelitian ini berupa data kualitatif dan kuantitatif dengan metode wawancara dan angket. Instrumen pengumpulan data yang digunakan berupa angket. Analisis data yang digunakan berupa analisis deskriptif kualitatif dan analisis deskriptif kuantitatif. Hasil dari penelitian ini menunjukkan (1) Rancang bangun dari LKPD interaktif berbasis pendekatan saintifik dengan tahapan analisis, perancangan, pengembangan, implementasi, dan evaluasi; (2) Kelayakan LKPD interaktif berdasarkan uji coba produk yang meliputi (a) hasil penilaian ahli isi pembelajaran memperoleh persentase 90,38% dengan kualifikasi sangat baik, (b) hasil penilaian ahli desain pembelajaran memperoleh persentase 95,45% dengan kualifikasi sangat baik, (c) hasil penilaian ahli media pembelajaran memperoleh persentase 88,46% dengan kualifikasi baik, (d) hasil uji coba perorangan memperoleh persentase 95,83% dengan kualifikasi sangat baik, dan (e) hasil uji coba kelompok kecil memperoleh persentase 96,11% dengan kualifikasi sangat baik. Berdasarkan hasil tersebut, maka dapat disimpulkan bahwa LKPD interaktif layak digunakan dalam proses pembelajaran.

Kata Kunci: LKPD interaktif, ADDIE, saintifik, IPA

ABSTRACT

This research was conducted by aiming the lack of using LKPD (LKPD, The Development of Students' Worksheet) as teaching materials in accordance with the 2013 curriculum. In addition, the use of technology is not utilized in developing interesting teaching materials for students. The implementation of this study aims to determine the design of interactive LKPD based on a scientific approach on the material of the human respiratory for science class in fifth grade at SD Number 5 Abiansamal for the academic year 2021/2022 and to find out the feasibility of interactive LKPD based. The interactive worksheets were developed using the ADDIE development model (Analyze, Design, Development, Implementation, and Evaluation). The data collection of this research was conducted using qualitative and quantitative. The method used in this research was in the form of interviews and questionnaires and the instrument used is a questionnaire using qualitative descriptive analysis and quantitative descriptive analysis. The results of this study show (1) The design of the interactive LKPD based on a scientific approach with the stages of analysis, design, development, implementation, and evaluation; (2) The feasibility of interactive LKPD based on product testing which includes (a) the results of the assessment of the learning content experts getting a percentage of 90,38% with very good qualifications, (b) the results of the assessment of the learning design experts getting a percentage of 95.45% with very good qualifications, (c) the results of the expert assessment of learning media obtained a percentage of 88.46% with good qualifications, (d) the results of individual trials obtained a percentage of 95.83% with very good qualifications, and (e) the results of small group trials obtained a percentage of 96.11% with very good qualifications. Based on these results, it is concluded that interactive worksheets are feasible to use in the learning process.

Keywords: Interactive Students Worksheets, ADDIE, Scientific, Science

