

ABSTRAK

Aisyah, S. 2025. Pengembangan Perangkat Pembelajaran LKPD Berbasis Nilai-Nilai Karakter pada Materi Sistem Pernapasan Melalui Penerapan Model PBL di MTsN 3 Kota Jambi. Tesis. Program Magister Pendidikan IPA Universitas Jambi, Pembimbing I. Prof. Dr. Dra. Risnita, M.Pd. II. Dr. Tedjo Sukmono., S.Si., M.Si.

Penelitian ini bertujuan untuk mengembangkan perangkat pembelajaran berupa Lembar Kerja Peserta Didik (LKPD) berbasis nilai-nilai karakter pada materi sistem pernapasan melalui penerapan model *Problem-Based Learning* (PBL) di MTsN 3 Kota Jambi. Nilai-nilai karakter yang diintegrasikan meliputi rasa ingin tahu, tanggung jawab, peduli lingkungan, dan kerja keras. Penelitian ini menggunakan model pengembangan ADDIE yang mencakup tahap analisis, desain, pengembangan, implementasi, dan evaluasi. Validasi dilakukan oleh ahli materi dan media, sedangkan uji praktikalitas dan efektivitas dilakukan melalui respon guru dan siswa serta analisis hasil belajar. Hasil validasi menunjukkan bahwa LKPD yang dikembangkan berada pada kategori “Baik” dengan skor rata-rata dari validator ahli media sebesar 78,57% dan validator ahli materi sebesar 78,57%. Uji efektivitas menunjukkan peningkatan hasil belajar siswa dengan nilai gain score sebesar 0,5679 (kategori sedang). Selain itu, asesmen karakter menunjukkan peningkatan signifikan pada keempat nilai karakter yang ditargetkan. Guru dan siswa memberikan tanggapan positif terhadap LKPD, terutama karena pendekatan PBL yang kontekstual dan penggunaan media bantu seperti *flashcard* yang menarik dan mudah digunakan. Dengan demikian, LKPD berbasis karakter melalui model PBL terbukti valid, praktis, dan efektif dalam meningkatkan hasil belajar serta membentuk karakter siswa secara holistik. Penelitian ini memberikan kontribusi terhadap pengembangan perangkat pembelajaran IPA yang kontekstual, bernilai, dan sesuai dengan tuntutan Kurikulum Merdeka.

Kata Kunci: LKPD, nilai karakter, *Problem-Based Learning*, sistem pernapasan, pengembangan perangkat ajar.

ABSTRACT

Aisyah, S. 2025. Development of Student Worksheet (LKPD) Devices Based on Character Values in the Respiratory System Material through the Application of the Problem-Based Learning (PBL) Model at MTsN 3 Kota Jambi. Thesis. Master's Program in Science Education, University of Jambi. Advisor I. Prof. Dr. Dra. Risnita, M.Pd. II. Dr. Tedjo Sukmono, S.Si., M.Si.

This study aims to develop a learning device in the form of a Student Worksheet (LKPD) based on character values in the respiratory system material through the application of the Problem-Based Learning (PBL) model at MTsN 3 Kota Jambi. The character values integrated include curiosity, responsibility, environmental care, and hard work. This research employed the ADDIE development model, which consists of analysis, design, development, implementation, and evaluation stages. Validation was carried out by material and media experts, while practicality and effectiveness tests were conducted through teacher and student responses as well as analysis of learning outcomes. The validation results showed that the developed LKPD fell into the "Good" category with an average score of 78.57% from media experts and 78.57% from material experts. The effectiveness test showed an improvement in student learning outcomes with a gain score of 0.5679 (medium category). In addition, character assessments showed a significant increase in the four targeted character values. Teachers and students gave positive responses to the LKPD, particularly due to the contextual PBL approach and the use of supporting media such as attractive and easy-to-use flashcards. Thus, the character-based LKPD through the PBL model has been proven to be valid, practical, and effective in improving learning outcomes and holistically shaping student character. This research contributes to the development of contextual, value-based science learning devices in accordance with the demands of the Merdeka Curriculum.

Keywords: *LKPD, character values, Problem-Based Learning, respiratory system, learning device development.*