

Addely Damayanti Noer. 2025. *Pengembangan E-LKPD Berbasis Problem Based Learning Materi Keseimbangan Ekosistem Hutan Mangrove Lembung Untuk Kelas V SDN Ponteh 1 Pamekasan*. Skripsi, Pendidikan Guru Sekolah Dasar, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunojoyo Madura. Ade Cyntia Pritasari.

ABSTRAK

Penelitian Pengembangan E-LKPD Berbasis Problem Based Learning Materi Keseimbangan Ekosistem Terintegrasi Hutan Mangrove Lembung Untuk Kelas V SDN Ponteh 1 Pamekasan yaitu penggunaan bahan ajar yang tersedia seperti buku paket masih kurang maksimal, keterbatasan waktu yang dimiliki pendidik untuk membuat dan memanfaatkan bahan ajar, penggunaan model pembelajaran yang belum secara maksimal dipadukan dalam kegiatan pembelajaran, dan peserta didik kesulitan dalam memahami pembelajaran jika hanya menggunakan buku paket karena materi dalam buku sangat luas dan berbeda dari kondisi asli lingkungan di daerah peserta didik. Tujuan penelitian ini adalah mengembangkan sebuah produk E-LKPD berbasis Problem Based Learning terintegrasi hutan mangrove Lembung yang valid, menarik, dan efektif. Metode penelitian yang digunakan adalah penelitian dan pengembangan model ADDIE yang terdiri dari beberapa tahapan yaitu Analyze, Design, Develop, Implement, dan Evaluate. Penelitian dan pengembangan dilakukan dengan mengembangkan produk, memvalidasi produk, dan mengujicobakan produk untuk mengetahui kevalidan, kemenarikan, dan keefektifan produk pengembangan. Kevalidan produk memperoleh hasil: 1) validasi bahan ajar sebesar 96% (sangat valid), validasi materi sebesar 85,3% (sangat valid), dan validasi desain pembelajaran sebesar 93,3% (sangat valid). Kemenarikan produk pengembangan diperoleh hasil: 1) angket respon guru sebesar 96% (sangat menarik), dan 2) angket respon peserta didik sebesar 92,9% (sangat menarik). Keefektifan produk pengembangan diperoleh hasil: 1) tes hasil belajar sebesar 100% (tuntas), 2) observasi aktivitas guru sebesar 100% (sangat aktif), dan 3) observasi aktivitas peserta didik 91,35% (sangat aktif). Hasil tersebut menunjukkan bahwa produk E-LKPD berbasis Problem Based Learning terintegrasi hutan mangrove Lembung valid, menarik, dan efektif untuk digunakan dalam proses pembelajaran.

Kata Kunci: Ekosistem, Pengembangan E-LKPD, Problem Based Learning.

Addely Damayanti Noer. 2025. *Development of E-LKPD Based on Problem Based Learning on the Material of Ecosystem Balance of Lembung Mangrove Forest for Grade V SDN Ponteh 1 Pamekasan*. Thesis, Elementary School Teacher Education, Faculty of Teacher Training and Education, University Trunojoyo Madura. Ade Cyntia Pritasari.

ABSTRACT

Research Development of E-LKPD Based on Problem Based Learning Ecosystem Balance Material Integrated with Lembung Mangrove Forest for Class V SDN Ponteh 1 Pamekasan, namely the use of available teaching materials such as package books is still not optimal, the limited time educators have to make and utilize teaching materials, the use of learning models that have not been maximally integrated in learning activities, and students have difficulty in understanding learning if they only use package books because the material in the book is very broad and different from the original environmental conditions in the students' area. The purpose of this research is to develop an E-LKPD product based on Problem Based Learning integrated with Lembung mangrove forest that is valid, interesting, and effective. The research method used is the ADDIE research and development model which consists of several stages, namely Analyze, Design, Develop, Implement, and Evaluate. Research and development is carried out by developing products, validating products, and testing products to determine the validity, attractiveness, and effectiveness of development products. The validity of the product obtained the results: 1) teaching material validation of 96% (very valid), material validation of 85.3% (very valid), and learning design validation of 93.3% (very valid). The attractiveness of the development product obtained results: 1) teacher response questionnaire of 96% (very interesting), and 2) student response questionnaire of 92.9% (very interesting). The effectiveness of the development product obtained results: 1) learning outcome test of 100% (complete), 2) teacher activity observation of 100% (very active), and 3) student activity observation of 91.35% (very active). These results indicate that the E-LKPD product based on Problem Based Learning integrated with Lembung mangrove forest is valid, interesting, and effective for use in the learning process.

Keywords: *Ecosystem, E-LKPD Development, Problem Based Learning.*