

Weny Eka Yulia Fajrin. 2026. *Pengembangan LKPD IPAS Berbasis Discovery Learning Materi Zat dan Perubahannya untuk Siswa Kelas IV UPTD SDN Banyuajuh 2*. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunodjoyo Madura. Pembimbing: Isna Ida Mardiyana, S.Pd., M.Pd.

ABSTRAK

Penelitian ini dilatarbelakangi oleh rendahnya hasil belajar siswa pada mata pelajaran IPAS, khususnya materi zat dan perubahannya, serta belum tersedianya bahan ajar pendamping yang dapat mendukung keterlibatan aktif peserta didik dalam pembelajaran. Penelitian ini bertujuan untuk mengembangkan LKPD IPAS berbasis Discovery Learning yang valid, efektif, dan menarik untuk siswa kelas IV UPTD SDN Banyuajuh 2. Penelitian ini menggunakan metode Research and Development (R&D) dengan model pengembangan 4D yang meliputi tahap define, design, develop, dan disseminate. Subjek penelitian terdiri atas validator ahli, guru kelas IV, dan siswa kelas IV UPTD SDN Banyuajuh 2. Teknik pengumpulan data menggunakan wawancara, observasi, angket, dan tes. Analisis data dilakukan untuk mengetahui tingkat kevalidan, keefektifan, dan kemenarikan produk yang dikembangkan. Hasil penelitian menunjukkan bahwa LKPD IPAS berbasis Discovery Learning yang dikembangkan memenuhi kriteria sangat valid, efektif, dan sangat menarik. Hasil validasi ahli materi memperoleh persentase sebesar 86%, ahli desain pembelajaran sebesar 90%, dan ahli bahan ajar sebesar 93% dengan kategori sangat valid. Keefektifan produk ditunjukkan melalui hasil observasi aktivitas guru dan siswa pada uji coba terbatas masing-masing sebesar 95% dan 97%, serta ketuntasan klasikal sebesar 100%. Pada uji implementasi aktivitas siswa sebesar 94%, dan ketuntasan klasikal sebesar 96%. Kemenarikan produk ditunjukkan melalui hasil angket respon siswa sebesar 94% dengan kategori sangat menarik. Berdasarkan hasil tersebut, LKPD IPAS berbasis Discovery Learning materi zat dan perubahannya layak digunakan sebagai bahan ajar dalam pembelajaran IPAS di sekolah dasar.

Kata Kunci : LKPD, Discovery Learning, IPAS, Zat dan Perubahannya

Weny Eka Yulia Fajrin. 2026. *Development of Discovery Learning-Based IPAS Student Worksheets on Matter and Its Changes for Fourth Grade Students at UPTD SDN Banyuajuh 2*. Undergraduate Thesis, Elementary School Teacher Education Study Program, Faculty of Teacher Training and Education, Trunojoyo University of Madura. Supervisor: Isna Ida Mardiyana, S.Pd., M.Pd.

ABSTRACT

This study was motivated by the low learning outcomes of students in the IPAS subject, particularly on the topic of matter and its changes, as well as the lack of supplementary teaching materials that support students' active involvement in the learning process. This study aimed to develop a Discovery Learning-based IPAS Student Worksheet (LKPD) that is valid, effective, and attractive for fourth-grade students at UPTD SDN Banyuajuh 2. This research employed the Research and Development (R&D) method using the 4D development model, which consists of four stages: define, design, develop, and disseminate. The research subjects included expert validators, a fourth-grade teacher, and fourth-grade students of UPTD SDN Banyuajuh 2. Data were collected through interviews, observations, questionnaires, and tests. Data analysis was conducted to determine the validity, effectiveness, and attractiveness of the developed product. The results showed that the Discovery Learning-based IPAS Student Worksheet met the criteria of being highly valid, effective, and highly attractive. The validation results indicated percentages of 86% from the material expert, 90% from the instructional design expert, and 93% from the teaching material expert, all categorized as highly valid. The effectiveness of the product was demonstrated through the results of teacher and student activity observations in the limited trial, which reached 95% and 97%, respectively, with a classical mastery level of 100%. In the implementation stage, student activity reached 94%, and classical mastery reached 96%. The attractiveness of the product was demonstrated by the student response questionnaire result of 94%, both categorized as highly attractive. Based on these findings, the Discovery Learning-based IPAS Student Worksheet on matter and its changes is feasible to be used as a teaching material in IPAS learning at the elementary school level.

Keywords: Student Worksheet (LKPD), Discovery Learning, IPAS.