

Carryna Zalfa Ainia, 2026. *Pengembangan LKPD Berbasis Discovery Learning pada Materi Perubahan Wujud Zat Kelas IV UPTD SDN Pejagan 1*. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunodjoyo Madura. Pembimbing: Bagus Rahmad Wijaya, S.Pd., M.Pd.

ABSTRAK

Penelitian ini bertujuan untuk menghasilkan Pengembangan LKPD Berbasis *Discovery Learning* pada Materi Perubahan Wujud Zat Kelas IV UPTD SDN Pejagan 1. Penelitian ini merupakan penelitian pengembangan pengembangan (R&D) yang mengacu pada model pengembangan 4D (*Define, Design, Development, Disseminate*). Hasil validasi produk diperoleh persentase kevalidan dari ahli bahan ajar sebesar 83,33%, ahli materi sebesar 78,84%, dan ahli desain pembelajaran sebesar 95%. Kepraktisan LKPD ditinjau dari uji coba terbatas observasi siswa dengan persentase sebesar 93% dan observasi siswa sebesar 97%, uji coba implementasi observasi siswa dengan persentase sebesar 95% dan observasi siswa sebesar 100%, keduanya termasuk dalam kategori sangat praktis. Keefektifan LKPD ditunjukkan oleh ketuntasan klasikal siswa sebesar 100%, serta hasil angket respon siswa uji coba terbatas terhadap penggunaan LKPD dengan persentase 94% dan pada uji coba implementasi terhadap penggunaan LKPD dengan persentase 96% dalam kategori sangat efektif. Berdasarkan ketiga aspek tersebut, dapat disimpulkan bahwa produk LKPD Berbasis *Discovery Learning* efektif digunakan dalam pembelajaran IPAS materi perubahan wujud zat di kelas IV SD. Dengan demikian, LKPD yang dikembangkan valid, praktis, dan efektif untuk digunakan dalam proses pembelajaran.

Kata Kunci: LKPD, *Discovery Learning*, Perubahan Wujud Zat

Carryna Zalfa Ainia, 2026. *Development of Discovery Learning-Based Student Worksheet on the Change of State of Matter Material for Grade IV UPTD SDN Pejagan 1*. Thesis, Elementary School Teacher Education Study Program, Faculty of Teacher Training and Education, Trunodjoyo University, Madura. Supervisor: Bagus Rahmad Wijaya, S.Pd., M.Pd.

ABSTRACT

This study aimed to produce a Discovery Learning-Based Student Worksheet (LKPD) on the topic of Changes in the States of Matter for Grade IV students at UPTD SDN Pejagan 1. This research employed a Research and Development (R&D) method referring to the 4D development model (Define, Design, Development, and Disseminate). The product validation results showed that the teaching material expert validation obtained a percentage of 83.33%, the material expert validation obtained 78.84%, and the instructional design expert validation obtained 95%. The practicality of the LKPD was reviewed through limited trial observations, obtaining 93% for student observations and 97% for teacher observations. In the implementation trial, student observations obtained 95% and teacher observations obtained 100%, both categorized as very practical. The effectiveness of the LKPD was indicated by students' classical learning mastery reaching 100%, while the student response questionnaire in the limited trial obtained 94% and in the implementation trial obtained 96%, both categorized as very effective. Based on these three aspects, it can be concluded that the Discovery Learning-Based LKPD is effectively used in science learning on the topic of changes in the states of matter for Grade IV elementary school students. Therefore, the developed LKPD is valid, practical, and effective for use in the learning process.

Keywords: *Worksheet, Discovery Learning, Changes in the States of Matter*