

Anggun Nafila Syarifatul Azmy. 2025. *Pengembangan LKPD IPAS Berbasis Discovery Learning pada Materi Wujud Zat dan Perubahannya Kelas IV SDN Keleyan 2*. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar. Fakultas Keguruan dan Ilmu Pendidikan. Universitas Trunojoyo Madura. Pembimbing: Ana Naimatul Jannah, S.Pd., M.Pd.

ABSTRAK

Tujuan penelitian pengembangan ini adalah untuk (1) mengembangkan bahan ajar Lembar Kerja Peserta Didik IPAS berbasis *discovery learning* pada materi wujud zat dan perubahannya kelas IV SDN Keleyan 2 yang valid berdasarkan validasi ahli. (2) mengembangkan bahan ajar Lembar Kerja Peserta Didik IPAS berbasis *discovery learning* pada materi wujud zat dan perubahannya kelas IV SDN Keleyan 2 yang efektif berdasarkan hasil tes belajar siswa serta observasi aktivitas guru dan peserta didik. (3) mengembangkan bahan ajar Lembar Kerja Peserta Didik IPAS berbasis *discovery learning* pada materi wujud zat dan perubahannya kelas IV SDN Keleyan 2 yang menarik berdasarkan angket respon guru dan angket respon peserta didik. Penelitian ini merupakan penelitian pengembangan yang mengacu pada model ADDIE (*analyze, design, development, implementation, evaluation*). Berdasarkan hasil penelitian yang telah dilaksanakan, diperoleh presentase kevalidan bahan ajar Lembar Kerja Peserta Didik IPAS berbasis *discovery learning* pada materi wujud zat dan perubahannya ditinjau dari validasi ahli materi sebesar 92%, validasi bahan ajar 94%, ahli desain pembelajaran 90,6%, masing-masing berada pada kategori “sangat valid”. Keefektifan bahan ajar Lembar Kerja Peserta Didik IPAS berbasis *discovery learning* pada materi wujud zat dan perubahannya ditinjau dari hasil belajar secara klasikal sebesar 100% dengan kriteria tuntas. Kemenarikan ditinjau dari respon guru memperoleh presentase 100% dan respon peserta didik memperoleh nilai 97% dengan masing-masing berada pada kategori sangat menarik. Berdasarkan hasil yang diperoleh, maka produk bahan ajar Lembar Kerja Peserta Didik IPAS berbasis *discovery learning* pada materi wujud zat dan perubahannya kelas IV SDN Keleyan 2 valid, efektif, dan menarik.

Kata Kunci: *Penelitian Pengembangan, ADDIE, Lembar Kerja Peserta Didik*

Anggun Nafla Syarifatul Azmy. 2025. *Pengembangan LKPD IPAS Berbasis Discovery Learning pada Materi Wujud Zat dan Perubahannya Kelas IV SDN Keleyan 2*. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar. Fakultas Keguruan dan Ilmu Pendidikan. Universitas Trunojoyo Madura. Pembimbing: Ana Naimatul Jannah, S.Pd., M.Pd.

ABSTRAK

The purpose of this development research is to (1) develop discovery learning-based Student Worksheet materials for IPAS on the topic of states of matter and its changes for fourth-grade students at SDN Keleyan 2 that is valid based on expert validation. (2) develop discovery learning-based Student Worksheet materials for IPAS on the topic of states of matter and its changes for fourth-grade students at SDN Keleyan 2 that is effective based on student test results and observations of teacher and student activities. (3) develop discovery learning-based Student Worksheet materials for IPAS on the topic of states of matter and its changes for fourth-grade students at SDN Keleyan 2 that is engaging based on teacher feedback and student response questionnaires. This research is a development research that refers to the ADDIE model (analyze, design, development, implementation, evaluation). Based on the results of the research that has been conducted, the validity percentage of the discovery learning-based Student Worksheet materials for the IPAS subject on the topic of states of matter and their changes, as reviewed by material experts, is 92%, by instructional material experts is 94%, and by learning design experts is 90.6%, all of which fall into the category of 'very valid.' The effectiveness of the discovery learning-based Student Worksheet materials for the IPAS subject on the topic of states of matter and their changes, as assessed by classical learning outcomes, is 100% with the criteria of completeness. Attractiveness in terms of teachers' responses received a percentage of 100% and students' responses scored 97%, both categorized as very interesting. Based on the results obtained, the teaching material product of the IPAS Student Worksheet based on discovery learning on the subject of states of matter and their changes for grade IV at Keleyan 2 Elementary School is valid, effective, and interesting.

Keywords: Development Research, ADDIE, Student Worksheet