

Aldila Adzani Pertiwi. 2026. *Pengembangan LKPD IPAS Materi Ekosistem Berbasis Flipped Classroom untuk Peserta Didik Kelas V SDN Tanjung Jati 2 Kamal*. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar. Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunodjoyo Madura. Pembimbing: Ade Cyntia Pritasari, S.Pd., M.Pd.

ABSTRAK

Penelitian ini dilatarbelakangi oleh rendahnya pemahaman konsep peserta didik pada materi ekosistem serta belum optimalnya penggunaan Lembar Kerja Peserta Didik (LKPD) dalam pembelajaran IPAS di kelas V SDN Tanjung Jati 2 Kamal. LKPD yang digunakan masih berupa lembar latihan soal sehingga belum mampu mendorong peserta didik untuk belajar secara aktif dan mandiri. Oleh karena itu, dikembangkan LKPD IPAS berbasis *Flipped Classroom* untuk mendukung pembelajaran yang lebih bermakna. Penelitian ini bertujuan menghasilkan LKPD IPAS materi ekosistem berbasis *Flipped Classroom* yang valid, praktis, dan efektif. Penelitian menggunakan metode *Research and Development* (R&D) dengan model ADDIE yang meliputi tahap *analysis, design, development, implementation, dan evaluation*. Subjek penelitian terdiri atas tiga validator, yaitu ahli bahan ajar, ahli materi, dan ahli desain pembelajaran, serta 20 peserta didik kelas V SDN Tanjung Jati 2 Kamal yang dibagi menjadi uji coba kelompok kecil (8 peserta didik) dan kelompok besar (12 peserta didik). Teknik pengumpulan data meliputi observasi, wawancara, angket, tes, dan dokumentasi, sedangkan data dianalisis secara deskriptif kuantitatif dan kualitatif. Hasil penelitian menunjukkan bahwa LKPD memperoleh persentase validitas dari ahli bahan ajar sebesar 97,9%, ahli materi 100%, dan ahli desain pembelajaran 80%, sehingga dinyatakan valid. Kepraktisan LKPD ditunjukkan oleh respons guru sebesar 100%, respons peserta didik pada uji coba kelompok kecil sebesar 98,6%, dan kelompok besar sebesar 98,58%, yang termasuk kategori sangat praktis. Efektivitas LKPD ditunjukkan oleh keterlaksanaan aktivitas guru dan peserta didik serta ketuntasan hasil belajar yang masing-masing mencapai 100%. Berdasarkan hasil tersebut, LKPD IPAS materi ekosistem berbasis *Flipped Classroom* dinyatakan valid, sangat praktis, dan efektif sehingga layak digunakan sebagai bahan ajar pada pembelajaran IPAS di kelas V sekolah dasar.

Kata Kunci : LKPD, IPAS, Ekosistem, *Flipped Classroom*, ADDIE.

Aldila Adzani Pertiwi. 2026. *Development of Flipped Classroom-Based Science Student Worksheet on Ecosystem Material for Fifth Grade Students of SDN Tanjung Jati 2 Kamal*. Thesis. Elementary School Teacher Education Study Program. Faculty of Teacher Training and Education, Trunodjoyo University, Madura. Supervisor: Ade Cyntia Pritasari, S.Pd., M.Pd

ABSTRACT

This research is motivated by the low conceptual understanding of students on ecosystem material and the suboptimal use of Student Worksheets (LKPD) in science learning in grade V of SDN Tanjung Jati 2 Kamal. LKPD used is still in the form of practice sheets so it has not been able to encourage students to learn actively and independently. Therefore, a Flipped Classroom-based Science LKPD was developed to support more meaningful learning. This research aims to produce a valid, practical, and effective Flipped Classroom-based Science LKPD on ecosystem material. The research uses the Research and Development (R&D) method with the ADDIE model which includes the stages of analysis, design, development, implementation, and evaluation. The research subjects consisted of three validators, namely teaching material experts, material experts, and learning design experts, as well as 20 grade V students of SDN Tanjung Jati 2 Kamal who were divided into small group trials (8 students) and large groups (12 students). Data collection techniques include observation, interviews, questionnaires, tests, and documentation, while the data were analyzed descriptively quantitatively and qualitatively. The results of the study showed that the LKPD obtained a validity percentage from teaching material experts of 97.9%, material experts 100%, and learning design experts 80%, so it was declared valid. The practicality of the LKPD was shown by the teacher's response of 100%, the student's response in the small group trial of 98.6%, and the large group of 98.58%, which is included in the very practical category. The effectiveness of the LKPD was shown by the implementation of teacher and student activities and the completeness of learning outcomes, each of which reached 100%. Based on these results, the Flipped Classroom-based LKPD for the ecosystem material on science and natural sciences was declared valid, very practical, and effective so that it is suitable for use as a teaching material in science and natural science learning in grade V of elementary school.

Keywords: LKPD, IPAS, Ecosystem, Flipped Classroom, ADDIE.