ABSTRAK

Haliza, N. 2023. Pengembangan lembar kerja peserta didik berbasis *Project-Based Learning* pada Materi Ekologi dan Keankekaragaman Hayati Indonesia Kelas VII. Skripsi. Tanjungpinang. Program Studi Pendidikan Biologi, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Maritim Raja Ali Haji. Pembimbing I: Assist. Prof. Nur Eka Kusuma Hindrasti, S.Pd., M.Pd. Pembimbing II: Assist. Prof. Dr. Hj. Nevrita, M.Pd., M.Si.

Kata Kunci: **Lembar kerja peserta didik,** *Project-Based Learning***, Ekologi, dan Keankekaragaman Hayati Indonesia**

Penelitian ini bertujuan untuk menghasilkan lembar kerja peserta didik berbasis *Project-Based Learning* pada materi ekologi dan keanekaragaman hayati Indonesia kelas VII yang valid, praktis dan efektif. Jenis penelitian ini merupakan penelitian pengembangan model penelitian menggunakan model ADDIE. Prosedur penelitian yakni *Analysis*, *Design*, *Development*, *Implementation*, dan *Evaluation*. Subjek uji coba dalam penelitian ini adalah peserta didik kelas VII B yang berjumlah 37 orang di SMPN 17 Bintan. Berdasarkan hasil validasi yang dilakukan oleh validator materi diperoleh hasil sebesar 84,88% dengan kategori "sangat valid" sedangkan hasil validator media diperoleh hasil sebesar 89,82% dengan kategori "sangat valid". Hasil uji praktikalitas oleh guru IPA diperoleh hasil sebesar 96,66% dengan kategori "sangat praktis" dan hasil praktikalitas oleh peserta didik diperoleh hasil sebesar 97,43% dengan kategori "sangat praktis". Hasil penilaian efektivitas dilakukan dengan menggunakan rubrik penilaian produk diperoleh hasil sebesar 87,03% dengan interprestasi kategori "sangat tinggi". Berdasarkan hasil penelitian yang telah dilakukan, dapat disimpulkan bahwa lembar kerja peserta didik berbasis *Project-Based learning* pada materi ekologi dan keanekaragaman hayati Indonesia dinyatakan sangat valid, sangat praktis dan efektif dengan kategori tinggi untuk digunakan dalam pembelajaran IPA.

ABSTRACT

Haliza, N. 2023. Development of Student Worksheets Based on Project-Based Learning on the Topic of Ecology and Biodiversity of Indonesia for Grade VII. Thesis. Tanjungpinang. Department of Biology Education, Faculty of Teacher Training and Education, Raja Ali Haji Maritime University. Supervisor I: Assist. Prof. Nur Eka Kusuma Hindrasti, S.Pd., M.Pd. Supervisor II: Assist. Prof. Dr. Hj. Nevrita, M.Pd., M.Si.

Keywords: **Worksheet, Project-Based Learning, Ecology and Biodiversity of Indonesia.**

This research aimed to produce valid, practical, and effective student worksheets based on Project-Based Learning for the topic of Ecology and Biodiversity of Indonesia for Grade VII. The research was conducted using the ADDIE model, which stands for Analysis, Design, Development, Implementation, and Evaluation. The research subjects were 37 students from Class VII B at SMPN 17 Bintan. The results of the material validation by the validators showed a percentage of 84.88% with the category "very valid," while the results of the media validation obtained a percentage of 89.82% with the category "very valid." The practicality test results conducted by the science teacher obtained a percentage of 96.66% with the category "very practical," and the practicality results by the students obtained a percentage of 97.43% with the category "very practical." The assessment of effectiveness was carried out using a product assessment rubric, resulting in a percentage of 87.03% with the interpretation of the "very high" category. Based on the research findings, it can be concluded that the student worksheets based on Project-Based Learning for the topic of Ecology and Biodiversity of Indonesia are highly valid, practical, and effective for use in science learning.