

ABSTRAK

Meysinta, Lisa. 2026. *Pengembangan Booklet Berbasis Science, Environment, Technology, Society (SETS) Pada Materi Ekologi dan Keanekaragaman Hayati untuk Siswa Kelas VII*. Skripsi. Tanjungpinang: Jurusan Pendidikan Biologi, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Maritim Raja Ali Haji. Pembimbing I: Dr. Trisna Amelia, S.Pd., M.Pd. Pembimbing II: Dr. Dra. Hj. Nevrita, M.Pd., M.Si.

Kata kunci: *Booklet*, SETS, Ekologi dan Keanekaragaman Hayati

Penelitian ini bertujuan untuk menghasilkan *booklet* berbasis *science, environment, technology, society* (SETS) pada materi ekologi dan keanekaragaman hayati untuk siswa kelas VII yang valid. Metode penelitian menggunakan tiga dari lima tahap model pengembangan ADDIE (*Analysis, Design, Develop, Implementation, Evaluation*). Penelitian ini belum sampai pada tahap implementasi, hanya sampai pada tahap *development* yaitu tahap uji validitas. Teknik pengumpulan data pada tahap analisis dilakukan melalui kuesioner berupa angket dan lembar centang, serta studi literatur. Teknik pengumpulan data pada tahap validitas dilakukan melalui angket yang meliputi lembar uji validitas media dan lembar uji validitas materi. Teknik analisis data yang dilakukan terhadap kebutuhan peserta didik diperoleh dari persentase seluruh jawaban peserta didik. Analisis data terhadap skor hasil validasi media dan materi dilakukan dengan menggunakan skala likert, yang kemudian diolah untuk menentukan persentase kelayakannya. Berdasarkan hasil penelitian yang diperoleh, maka dapat disimpulkan bahwa *booklet* berbasis *science, environment, technology, society* (SETS) pada materi ekologi dan keanekaragaman hayati untuk siswa kelas VII dinyatakan sangat valid dan berpotensi mendukung pembelajaran Ilmu Pengetahuan Alam.

ABSTRACT

Meysinta, Lisa. 2026. Development of Science , Environment, Technology, Society (SETS) Based Booklet on Ecology and Biodiversity Materials for Grade VII Students. Thesis. Tanjungpinang: Department of Biology Education, Faculty of Teacher Training and Education, Raja Ali Haji Maritime University. Supervisor I: Dr. Trisna Amelia, S.Pd., M.Pd. Supervisor II: Dr. Dra. Hj. Nevrita, M.Pd., M.Si.

Keywords: Booklet, SETS, Ecology and Biodiversity

This research aims to produce a science, environment, technology, society (SETS) based booklet on ecology and biodiversity materials for valid grade VII students. The research method uses three of the five stages of the ADDIE development model (Analysis, Design, Develop, Implementation, Evaluation). This research has not yet reached the implementation stage, only to the development stage, namely the validity test stage. The data collection technique at the analysis stage is carried out through questionnaires in the form of questionnaires and checksheets, as well as literature studies. The data collection technique at the validity stage is carried out through a questionnaire which includes a media validity test sheet and a material validity test sheet. The data analysis technique carried out on the needs of students was obtained from the percentage of all students' answers. Data analysis of media and material validation scores was carried out using the Likert scale, which was then processed to determine the percentage of eligibility. Based on the results of the research obtained, it can be concluded that the science, environment, technology, society (SETS) based booklet on ecology and biodiversity materials for grade VII students is declared to be very valid and has the potential to support Natural Sciences learning.