

**PENGEMBANGAN LEMBAR KERJA PESERTA DIDIK BERBASIS
PROJECT BASED LEARNING TERINTEGRASI PENDIDIKAN
KARAKTER PADA TOPIK BUMI DAN TATA SURYA UNTUK SISWA
SMP KELAS VII**

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ABSTRAK

Penelitian ini bertujuan (1) mendeskripsikan karakteristik; (2) menganalisis validitas; (3) menganalisis kepraktisan; dan (4) menganalisis keterbacaan lembar kerja peserta didik berbasis *project based learning* terintegrasi pendidikan karakter pada topik bumi dan tata surya untuk siswa SMP kelas VII. Jenis penelitian ini adalah penelitian dan pengembangan (*Research and develop*) dengan menggunakan model ADDIE yang terdiri dari *analyze, design, develop, implementation* dan *evaluation*. Penelitian ini hanya dilakukan sampai tahap *develop*. Tahap *develop* terdiri dari tiga uji produk yaitu uji validitas oleh ahli, uji kepraktisan oleh guru, dan uji keterbacaan oleh peserta didik. Instrumen pengumpulan data yang digunakan adalah lembar observasi, angket analisis kebutuhan, angket uji validitas, angket uji kepraktisan, dan angket uji keterbacaan. Subjek penelitian melibatkan dua orang ahli Pendidikan IPA untuk uji validitas, lima orang guru IPA untuk uji kepraktisan, dan 15 peserta didik kelas VII untuk uji keterbacaan. Jenis data yang diperoleh yaitu data kualitatif dan data kuantitatif. Data hasil penelitian dianalisis secara deskriptif. Karakteristik lembar kerja peserta didik yaitu (a) menggunakan model *project based learning*; (b) terintegrasi pendidikan karakter (gemar membaca, kreatif, disiplin, peduli lingkungan, dan tanggung jawab); (c) disajikan dalam bentuk cetak. Tingkat validitas lembar kerja peserta didik sebesar 1,00 (validitas sangat tinggi), tingkat kepraktisan memperoleh rata-rata skor sebesar 4,72 (sangat praktis), dan tingkat keterbacaan memperoleh rata-rata sebesar 4,49 (sangat terbaca). Berdasarkan hasil penelitian, lembar kerja peserta didik berbasis *project based learning* terintegrasi pendidikan karakter pada topik bumi dan tata surya dapat diuji ke tahap selanjutnya yaitu uji keefektifan produk.

Kata Kunci: Lembar kerja peserta didik, *project based learning*, pendidikan karakter, bumi dan tata surya.

ABSTRACT

This study aims (1) to describe the characteristics; (2) analyzing validity; (3) analyze practicality; and (4) analyzing the legibility of student worksheets based on integrated project based learning integrated character education on the topic of the earth and the solar system for seventh grade junior high school students. This type of research is research and development using the ADDIE model which consists of analyze, design, develop, implementation and evaluation. This research was only carried out until the develop stage. The develop stage consists of three product tests, namely the validity test by experts, the practicality test by the teacher, and the readability test by students. The data collection instruments used were observation sheets, needs analysis questionnaires, validity test questionnaires, practicality test questionnaires, and legibility test questionnaires. The research subjects involved two science education experts for the validity test, five science teachers for the practicality test, and 15 class VII students for the readability test. The types of data obtained are qualitative data and quantitative data. Research data were analyzed descriptively. The characteristics of student worksheets are (a) using a project based learning model; (b) integrated character education (love to read, creative, disciplined, care for the environment, and responsibility); (c) presented in printed form. The validity level of student worksheets is 1.00 (very high validity), the practicality level obtains an average score of 4.72 (very practical), and the legibility level obtains an average of 4.49 (very legible). Based on the research results, student worksheets based on project-based learning integrated with character education on the topic of the earth and the solar system can be tested to the next stage, namely testing product effectiveness.

Keywords: Student worksheets, project based learning, character education, the earth and the solar system.

