PENGEMBANGAN LEMBAR KERJA PESERTA DIDIK IPA BERBASIS *PROBLEM BASED LEARNING* BERMUATAN *SOCIO-SCIENTIFIC ISSUES* UNTUK SISWA SMP

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ABSTRAK

Penelitian ini bertujuan mendeskripsikan karakteristik, menganalisis kevalidan, kepraktisan, dan keterbacaan. LKPD IPA SMP Kelas VIII berbasis *problem based learning* bermuatan *socio-scientific issues* pada materi zat aditif dan adiktif. Jenis penelitian ini merupakan penelitian pengembangan (R&D) dengan menggunakan model pengembangan 4D dan dibatasi pada tahap develop karena keterbatasan waktu penelitian. Data hasil penelitian ini meliputi karakteristik produk, tingkat kevalidan, tingkat kepraktisan, dan tingkat keterbacaan. LKPD IPA yang dikumpulkan dengan teknik penyebaran angket kepada subjek penelitian yaitu, 2 orang ahli pendidikan IPA, 2 orang guru IPA SMP, dan 10 orang peserta didik untuk uji kepraktisan dan 15 orang peserta didik kelas VIII SMPN 6 Singaraja untuk uji keterbacaan. Data hasil penelitian dianalisis secara deskriptif. Karakteristik LKPD IPA yaitu mengacu pada *model problem based learning,* masalah yang tersaji pada LKPD merupakan *socio-scientific issues*, dilengkapi dengan pratikum. Hasil penelitian menunjukkan bahwa (1) LKPD sangat tinggi dari uji ahli dengan skor 1.00. (2) LKPD sangat praktis dari guru 84,66%, dan praktis dari peserta didik 80,13%. (3) LKPD sangat terbaca dengan sebesar 82,75%. Berdasarkan hasil penelitian, dapat disimpulkan bahwa produk LKPD IPA SMP kelas VIII berbasis *problem based learning* bermuatan *socio-scientific issues* pada materi zat aditif dan adiktif dinyatakan sangat valid, praktis, terbaca, dan dapat dilanjutkan pada tahap berikutnya yaitu uji keefektifan produk.

Kata Kunci: LKPD, *Problem Based Learning, Socio-scientific Issues.*

DEVELOPMENT OF PROBLEM-BASED LEARNING PROBLEM-BASED SCIENCE STUDENT WORKSHEETS CONTAINING SOCIOSCIENTIFIC ISSUES FOR JUNIOR HIGH SCHOOL STUDENTS

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ABSTRACT

This research aims to describe the characteristics, analyze the validity, practicality and readability of Class VIII SMP Science LKPD based on problem based learning containing the context of socio-scientific issues in the material of additives and addictive substances. This type of research is development research (R&D) using the 4D development model and is limited to the develop stage due to limited research time. The data from this research include product characteristics, level of validity, level of practicality, and level of readability of the science student worksheet collected using a questionnaire distribution technique to research subjects, namely, two science education experts, two junior high school science teachers, and 25 class VIII students at SMPN 6 Singaraja. The research data were analyzed descriptively. The characteristics of the science LKPD are that it refers to the problem based learning model, the problems presented in the LKPD are socio-scientific issues, equipped with practicum. The research results show that (1) LKPD is very high with a score of 1.00. (2) The LKPD was very practical for 84.66% of teachers, and 80.13% of students were practical. (3) LKPD is highly readable at 82.75%. Based on the research results, it can be concluded that the class VIII SMP science LKPD product based on problem based learning containing socio-scientific issues in the material of additives and addictive substances is declared to be very valid, practical, readable, and can be continued at the next stage, namely product effectiveness testing.

*Keyword***:** *LKPD, Problem Based Learning, Socio-scientific Issues.*