

ABSTRAK

PENGEMBANGAN LEMBAR KERJA PESERTA DIDIK BERBASIS

PROBLEM BASED LEARNING UNTUK MENINGKATKAN

KAMAMPUAN PENALARAN SISWA

SMK SWASTA JAMBI

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Penelitian ini membahas tentang pengembangan Lembar Kerja Peserta Didik berbasis *Problem Based Learning* Untuk Meningkatkan Kemampuan Penalaran Siswa SMK Swasta Jambi berdasarkan kriteria valid, praktis, dan efektif.

Pengembangan perangkat pembelajaran ini menggunakan model pengembangan Thiagarajan 4-D, dalam penelitian ini penulis hanya sampai pada tahap 3-D yaitu: (1) Pendefinisian (*define*), (2) Desain (*design*), dan (3) Pengembangan (*development*).

Hasil dari penelitian pengembangan LKPD berbasis PBL pada materi logika matematika di SMK Swasta Jambi memenuhi kriteria valid berdasarkan skala Likert hasil dari penilaian 6 orang validator dengan cara mengisi angket penilaian dengan skor rata-rata 4 dan berada pada kategori baik, praktis diperoleh melalui angket respon peserta didik dengan skor rata-rata 3,83 dan berada pada kategori baik, dan efektif diperoleh melalui test hasil belajar peserta didik dengan skor rata-rata 78% dan berada pada kategori baik.

Kata kunci: LKPD, *Problem-Based-Learning*, 3-D

ABSTRACT

DEVELOPMENT OF STUDENTS WORKSHEETS BASED ON PROBLEM *BASED LEARNING* TO IMPROVE THE REASONING ABILITY OF THE STUDENTS OF PRIVATE SMK JAMBI

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This study discusses the development of Students Worksheets based on *Problem Based Learning* to improve the Reasoning Ability of the students of Private SMK Jambi based on valid, practical, and effective criteria.

The development of this learning tool uses the Thiagarajan 4-D development model, in this study the authors only reached 3-D stage, namely: (1) define, (2) design, and (3) development.

By using a Likert scale, the results from the research of the development of LKPD based on PBL on mathematical logic material at Private SMK Jambi meet valid criteria based on the results of the assessment of 6 validators by filling out an assessment questionnaire with an average score of 4 and being in the good category, practically obtained through a questionnaire student responses with an average score of 3.83 and are in the good category, and effectively obtained through student learning outcomes tests with an average score of 78% and are in the good category.

Keywords: LKPD, *Problem-Based-Learning*, 3-D

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