

**PENGEMBANGAN LEMBAR KERJA PESERTA DIDIK (LKPD) BERBASIS
PROBLEM SOLVING PADA MATERI PECAHAN MUATAN
MATEMATIKA PADA SISWA KELAS V SD NEGERI TULANGAMPIANG**

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ABSTRAK

Penelitian pengembangan ini bertujuan untuk mengetahui rancang bangun LKPD berbasis *Problem Solving* pada materi pecahan muatan matematika pada siswa kelas V SD Negeri Tulangampiang dan mengetahui kelayakan LKPD berbasis *Problem Solving* pada materi pecahan muatan Matematika siswa kelas V SD Negeri Tulangampiang. Subjek uji coba penelitian ini adalah ahli materi pembelajaran, ahli desain pembelajaran, ahli media pembelajaran dan 12 siswa kelas V SD Negeri Tulangampiang. Penelitian ini menggunakan model pengembangan ADDIE karena langkah-langkahnya disusun secara terstruktur dengan langkah-langkah kegiatan yang sistematis. Metode pengumpulan data menggunakan metode kuesioner. Teknik analisis data menggunakan teknik analisis deskriptif kuantitatif. Hasil penelitian pengembangan ini adalah LKPD, meliputi hasil: (a) rancang bangun LKPD berbasis *Problem Solving* terdiri dari cover, Kopetensi Dasar, Indikator, Tujuan Pembelajaran, uraian materi pecahan, langkah- langkah penyelesaian dan latihan soal. Rancang bangun LKPD ini berbantuan *Microsoft Word*. mendapatkan penilaian dari ahli memperoleh persentase sebesar 100,00% dengan kualifikasi sangat baik, (b) hasil uji coba produk meliputi: (1) hasil penilaian ahli materi pembelajaran memperoleh persentase sebesar 93,75%, dengan kualifikasi sangat baik; (2) hasil penilaian ahli desain pembelajaran memperoleh persentase sebesar 90,00% dengan kualifikasi sangat baik; (3) hasil penilaian ahli media pembelajaran memperoleh persentase sebesar 93,00%, dengan kualifikasi sangat baik; dan (4) hasil penilaian siswa melalui uji coba perorangan memperoleh persentase sebesar 90,00%, dengan kualifikasi sangat baik. (5) hasil penilaian siswa melalui uji coba kelompok kecil memperoleh persentase sebesar 91,88% dengan kualifikasi sangat baik. Sehingga dapat disimpulkan bahwa LKPD berbasis *Problem Solving* pada muatan materi pecahan layak digunakan pada proses pembelajaran.

Kata-kata kunci: Lembar Kerja Peserta Didik (LKPD), *Problem Solving*, Pecahan, Matematika

DEVELOPMENT OF STUDENT WORKSHEETS (LKPD) BASED ON PROBLEM SOLVING ON MATHEMATICS FACILITIES IN CLASS V STUDENTS OF SD NEGERI TULANGAMPIANG

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ABSTRACT

This development research aims to determine the design of LKPD based Problem Solving on the material of mathematical charge fractions for fifth grade students of SD Negeri Tulangampiang and determine the feasibility of LKPD based Problem Solving on the material of fractional charge of Mathematics for fifth grade students of SD Negeri Tulangampiang. The subjects of this research trial were learning materials experts, instructional design experts, learning media experts and 12 fifth grade students at SD Negeri Tulangampiang. This study uses the ADDIE development model because the steps are structured in a systematic way with activity steps. Methods of data collection using a questionnaire method. The data analysis technique used quantitative descriptive analysis techniques.-based LKPD Problem Solving consisting of cover, Basic Competence, Indicators, Learning Objectives, description of fractional material, completion steps and practice questions. The design of this LKPD was assisted by Microsoft Word. getting an expert assessment gets a percentage of 100.00% with very good qualifications, (b) the results of product trials include: (1) the results of the learning material expert assessment get a percentage of 93.75%, with very good qualifications; (2) the results of the assessment of learning design experts obtained a percentage of 90.00% with very good qualifications; (3) the results of the assessment of learning media experts obtained a percentage of 93.00%, with very good qualifications; and (4) the results of student assessments through individual trials obtained a percentage of 90.00%, with very good qualifications. (5) the results of student assessment through small group trials obtained a percentage of 91.88% with very good qualifications. So it can be concluded that Problem Solving on fractional content are suitable for use in the learning process.

Keywords: *Student Worksheet (LKPD), Problem Solving, Fractions, Mathematics*