

ABSTRAK

EFEKTIVITAS PENGGUNAAN LKPD BERBASIS *PROBLEM BASED LEARNING* (PBL) TERHADAP KEMAMPUAN BERPIKIR KREATIF MATEMATIS PESERTA DIDIK KELAS V SEKOLAH DASAR

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Penelitian ini dilatarbelakangi oleh rendahnya kemampuan berpikir kreatif matematis peserta didik kelas V sekolah dasar akibat pembelajaran yang masih berpusat pada guru dan kurangnya penggunaan bahan ajar yang inovatif. Penelitian ini bertujuan untuk mengetahui efektivitas penggunaan Lembar Kerja Peserta Didik (LKPD) berbasis *Problem Based Learning* (PBL) terhadap kemampuan berpikir kreatif matematis. Metode penelitian yang digunakan adalah kuantitatif dengan desain *one group pretest-posttest design*. Populasi penelitian berjumlah 104 peserta didik, dengan sampel sebanyak 28 peserta didik yang dipilih menggunakan teknik *purposive sampling*. Instrumen penelitian meliputi tes kemampuan berpikir kreatif matematis serta non tes berupa lembar observasi. Instrumen telah diuji validitas dan reliabilitasnya. Analisis data menggunakan uji prasyarat dan uji N-Gain. Hasil penelitian menunjukkan bahwa nilai N-Gain sebesar 0,77 yang termasuk dalam kategori tinggi. Hal ini menunjukkan bahwa penggunaan LKPD berbasis *Problem Based Learning* efektif dalam meningkatkan kemampuan berpikir kreatif matematis peserta didik. Berdasarkan hasil penelitian ini menunjukkan bahwa LKPD berbasis PBL efektif digunakan sebagai alternatif bahan ajar yang inovatif dalam pembelajaran matematika di sekolah dasar.

Kata kunci: berpikir kreatif matematis, LKPD, *Problem Based Learning*

ABSTRACT

THE EFFECTIVENESS OF PROBLEM-BASED LEARNING (PBL)- BASED STUDENT WORKSHEETS ON THE MATHEMATICAL CREATIVE THINKING SKILLS OF FIFTH-GRADE ELEMENTARY SCHOOL STUDENTS

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This study was motivated by the low level of students' mathematical creative thinking skills among fifth-grade elementary school students, which was attributed to teacher-centered learning practices and the limited use of innovative instructional materials. This study aimed to examine the effectiveness of *Problem Based Learning* (PBL)-based Student Worksheets (LKPD) in improving students' mathematical creative thinking skills. A quantitative approach with a one-group pretest-posttest design was employed. The population consisted of 104 students, while 28 students were selected as the sample using purposive sampling technique. The research instruments included a mathematical creative thinking skills test and observation sheets as non-test instruments. All instruments had been tested for validity and reliability. Data were analyzed using prerequisite tests and the N-Gain test. The findings revealed that the N-Gain score was 0.77, which fell into the high category. This result indicated that the implementation of PBL-based LKPD was effective in enhancing students' mathematical creative thinking skills. Therefore, PBL-based LKPD can be recommended as an innovative instructional material in elementary mathematics learning.

Key words: LKPD, mathematical creative thinking, *Problem Based Learning*