

ABSTRAK

Peningkatan Hasil Belajar dan Kemampuan Berpikir Kritis Matematika Kelas III A pada Materi Perkalian dan Pembagian Melalui Pembelajaran PBL di SD Negeri Denggung

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Latar belakang penelitian ini adalah rendahnya hasil belajar dan kemampuan berpikir kritis matematika. Penelitian ini bertujuan untuk; (1) mengetahui dan memaparkan penerapan PBL untuk meningkatkan hasil belajar dan kemampuan berpikir kritis, (2) meningkatkan dan mengetahui peningkatan hasil belajar, dan (3) mengetahui dan meningkatkan kemampuan berpikir kritis.

Penelitian ini merupakan penelitian tindakan kelas dan dilakukan dengan dua siklus Subjek penelitian adalah siswa kelas III A SD Negeri Denggung 28 siswa. Teknik pengumpulan data meliputi observasi, tes, dan kuesioner. Instrumen penelitian ini menggunakan lembar pengamatan, tes soal uraian, dan lembar kuesioner. Analisis data menggunakan statistika deskriptif.

Langkah-langkah pembelajaran PBL yang meliputi: 1) orientasi siswa pada masalah, 2) mengorganisasikan siswa untuk belajar, 3) membantu penelitian mandiri dan kelompok, 4) mengembangkan dan menyajikan hasil karya, 5) menganalisis dan mengevaluasi proses pemecahan masalah, dapat meningkatkan hasil belajar dan kemampuan berpikir kritis. Rata-rata kondisi awal 71,92 meningkat pada siklus I sebesar 77,89 dan pada siklus II sebesar 90,82. Pencapaian KKM juga mengalami peningkatan kondisi awal 64,28% dengan KKM 70, meningkat siklus I sebesar 85,18% dengan KKM 75, dan siklus II menjadi 82,14% dengan KKM 80. Peningkatan kemampuan berpikir kritis, kondisi awal dengan nilai 50,35 kriteria sangat tidak kritis dan meningkat pada kondisi akhir sebesar 71,62 dengan kriteria cukup kritis dengan rentang nilai 1-100.

Kata kunci: hasil belajar, kemampuan berpikir kritis, PBL

ABSTRACT

The Improving of Learning Outcome and Critical Thinking in Mathematics for III A Grade Students in Multiplication and Division Material through Problem Based Learning in Denggung State Elementary School.

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The background of the study was concern about the low learning outcome and critical thinking in multiplication and division of III A grade students in Denggung State Elementary School batch 2015/2016. The purpose of this study are: (1) to implement Problem Based Learning (PBL) for improving the learning outcome and critical thinking; (2) to improve students' learning outcome, (3) to improve students' critical thinking.

This study was Implement Action Research that was conducted in two cycles in which each cycle consisted of two meetings. The participants of this study were III A grade students in Denggung State Elementary School. The data collection techniques were observation, tests and questionnaires. The instrument utilized in this study were observation sheet, tests, and questionnaire sheet. The data analysis technique was descriptive statistics.

The steps of this study were: 1) students' orientation in the problem, 2) to organize students to study, 3) to help independent and group observation, 4) to develop and to serve the students' work, 5) to analyze and to evaluate the process of problem solving, 6) can increase learning outcome and critical thinking skills. The result of the study showed that PBL could improve the learning outcome and critical thinking. The average score of students' learning outcome was improving started from initiate condition as 71.92 became 77.89 in cycle I and increased more in cycle II as 90.82. The students' achievement of class average score was also increasing started from 64.28% in the initiate condition with 70 as the class average score to 85.18% in cycle I with 75 as the average score. In addition, in cycle II, it was also improved by reaching 82.14% with 80 as class average score. The students' critical thinking skills also improved as seen in the value as 50,35 categorized as very uncritical became 71,62 categorized as critical enough at the final condition with range value 1-100.

Keywords: learning outcome, critical thinking ,Problem Based Learning.