

ABSTRAK

Dewi Setiana Mukti, 2026. *Efektivitas Pendekatan RME Berbasis Joyful Learning terhadap Kemampuan Problem Solving pada Siswa Kelas V Sekolah Dasar*. Skripsi. Fakultas Keguruan dan Ilmu Pendidikan, UNIVERSITAS PGRI MADIUN. Pembimbing I: Dr. Hendra Erik Rudyanto, S.Pd., M.Pd., Pembimbing II: Dr. Fida Rahmantika Hadi, S.Pd., M.Pd.

Penelitian ini dilatar belakangi oleh rendahnya kemampuan *problem solving* siswa kelas V SDN Jiwan 01 Kabupaten Madiun dalam menyelesaikan soal cerita matematika pada materi luas bangun datar, yang dibuktikan dengan nilai ulangan harian sebagian besar siswa masih berada di bawah Kriteria Ketuntasan Minimal (KKM), yaitu hanya 6 dari 26 siswa yang dinyatakan tuntas. Penelitian ini bertujuan untuk mengetahui efektivitas pendekatan *Realistic Mathematics Education* (RME) berbasis *joyful learning* terhadap kemampuan *problem solving* siswa kelas V Sekolah Dasar. Penelitian ini menggunakan pendekatan kuantitatif dengan jenis penelitian *Pre-Experimental Design* bentuk *One Group Pretest-Posttest Design*. Sumber data penelitian adalah 26 siswa kelas V SDN Jiwan 01 yang ditentukan melalui teknik sampling jenuh. Teknik pengumpulan data dilakukan melalui tes berupa soal cerita *problem solving* yang diberikan pada tahap *pre test* dan *post test*. Teknik analisis data menggunakan uji normalitas Shapiro-Wilk dan uji hipotesis *Paired Sample t-Test*. Hasil penelitian menunjukkan nilai rerata *pre test* sebesar 40,37 meningkat menjadi 82,16 pada *post test*. Hasil uji hipotesis diperoleh nilai t_{hitung} sebesar 13,71 lebih besar dari t_{tabel} sebesar 1,706 pada taraf signifikansi 0,05, sehingga H_0 ditolak dan H_1 diterima. Dengan demikian, dapat disimpulkan bahwa pendekatan RME berbasis *joyful learning* efektif terhadap kemampuan *problem solving* siswa kelas V Sekolah Dasar dalam menyelesaikan soal cerita matematika.

Kata Kunci: RME, *Joyful Learning*, *Problem Solving*, Soal Cerita Matematika, Sekolah Dasar.

ABSTRACT

Dewi Setiana Mukti, 2026. *The Effectiveness of RME Approach Based on Joyful Learning Towards Problem Solving Ability of Fifth Grade Students of SDN Jiwan 01*. Thesis. Faculty of Teacher Training and Education, UNIVERSITAS PGRI MADIUN. Advisor: Dr. Hendra Erik Rudyanto, S.Pd., M.Pd., Co-Advisor: Dr. Fida Rahmantika Hadi, S.Pd., M.Pd

Keywords: RME, Joyful Learning, Problem Solving, Mathematical Word Problems, Elementary School

*This study was motivated by the low problem-solving skills of fifth-grade students at SDN Jiwan 01 in Madiun Regency in solving word problems on the area of two-dimensional shapes, as evidenced by the fact that the scores on daily quizzes for most students remained below the Minimum Passing Criteria (KKM); only 6 out of 26 students were deemed to have met the criteria. This study aims to determine the effectiveness of the Realistic Mathematics Education (RME) approach based on joyful learning on the problem-solving skills of fifth-grade elementary school students. This study employed a quantitative approach using a pre-experimental design in the form of a one-group pretest-posttest design. The data sources were 26 fifth-grade students at SDN Jiwan 01, selected through saturation sampling. Data were collected through problem-solving word problems administered during the pretest and posttest phases. Data analysis utilized the Shapiro-Wilk normality test and the Paired Sample *t*-test for hypothesis testing. The results showed that the mean pretest score of 40.37 increased to 82.16 on the posttest. The results of the hypothesis test showed that the calculated *t*-value of 13.71 was greater than the critical *t*_{value} of 1.706 at a significance level of 0.05; therefore, *H*₀ was rejected and *H*₁ was accepted. Thus, it can be concluded that the RME approach based on joyful learning is effective in enhancing the problem solving skills of fifth-grade elementary school students in solving math word problems*