

ABSTRAK

NAMA : ROSMELIN BR SEMBIRING, 1915010066, Judul : Meningkatkan Hasil Belajar Siswa Materi Penjumlahan dan Pengurangan Pecahan Menggunakan Model *Realistic Mathematics Education* di Kelas V SD Negeri 048072 Kabanjahe Tahun Pelajaran 2022/2023

Penelitian yang dilaksanakan ini adalah penelitian tindakan kelas (PTK) dengan menggunakan model pembelajaran *Realistic Mathematics Education* pada pembelajaran Matematika. Penelitian ini bertujuan untuk mengetahui rata-rata nilai siswa, ketuntasan belajar siswa, dan perbedaan kemampuan siswa yang signifikan setelah dilaksanakan perbaikan pembelajaran materi Penjumlahan dan Pengurangan Pecahan dalam Kehidupan Sehari-hari di kelas V SD Negeri 048072 Kabanjahe Tahun Pelajaran 2022/2023.

Lokasi penelitian ini adalah SD Negeri 048072 Kabanjahe. Hal ini didasari atas pertimbangan bahwa siswa masih kesulitan pada materi Penjumlahan dan Pengurangan Pecahan dalam Kehidupan Sehari-hari. Subjek dalam penelitian adalah siswa kelas V SD Negeri 048072 Kabanjahe yang berjumlah 43 orang dan sebagai objek adalah perbaikan pembelajaran materi Penjumlahan dan Pengurangan Pecahan dalam Kehidupan Sehari-hari yang dilakukan dengan menggunakan model pembelajaran *Realistic Mathematics Education*. Instrumen yang digunakan adalah Tes Essai dan Lembar Observasi.

Berdasarkan hasil penelitian diperoleh hasil pembelajaran pada Siklus I aktivitas guru 68,4% berkriteria Baik, aktivitas siswa 66, berkriteria Cukup, ketuntasan klasikal yakni 67,5 % dan rata-rata hasil belajar siswa adalah 72,5. Sedangkan hasil pembelajaran pada siklus II aktivitas guru 80,7% berkriteria Baik, aktivitas siswa 88 berkriteria Baik, ketuntasan klasikal 88,4 % dan dapat dikatakan siswa telah tuntas klasikal dan rata-rata nilai individu 80 dan sudah mencapai KKM sekolah yakni 70.

Berdasarkan analisis penelitian diperoleh rata-rata nilai siswa meningkat, ketuntasan belajar siswa, tuntas secara individu dan klasikal, serta ada perbedaan kemampuan siswa yang signifikan setelah dilaksanakan perbaikan pembelajaran dengan menggunakan model pembelajaran *Realistic Mathematics Education*.

Kata Kunci : ***Penelitian Tindakan Kelas, Hasil Belajar, Model Pembelajaran, Model Pembelajaran Realistic Mathematics Education (RME).***

ABSTRACT

NAME: ROSMELIN BR SEMBIRING, 1915010066, Title: Improving Student Learning Outcomes in Fractional Addition and Subtraction Materials Using the Realistic Mathematics Education Model in Fifth grade of State Elementary School 048072 Kabanjahe for the 2022/2023 Academic year.

The research conducted is a class action research using the Realistic Mathematics Education learning model in Mathematics learning. This study aims to determine the average student's scores, student's learning completeness, and significant differences in student's abilities after implementing learning improvements in Fraction Addition and Subtraction material in Daily Life in Fifth grade of SD Negeri 048072 Kabanjahe in the 2022/2023 academic year.

The location of this research is SD Negeri 048072 Kabanjahe. This is based on the consideration that student's still had difficulty in the material of Addition and Subtraction of Fractions in Daily Life. The subjects in the study were the fifth grade student's of SD Negeri 048072 Kabanjahe which amounted to 43 people and as the object was the improvement of learning the material of Addition and Subtraction of Fractions in Daily Life which was carried out by using the Realistic Mathematics Education learning model. The used instruments are Essay Test and Observation Sheet.

Based on the research results, it is obtained learning results in First cycle teacher activity 68.4% with good criteria, student's activity 66 with sufficient criteria, classical completeness is 67.5% and the average student's learning outcomes are 72.5. While the learning results in second cycle teacher activity was 80.7% with good criteria, student's activity was 88 with good criteria, classical completeness was 88.4% and it could be said that student's had completed classically and the average individual score was 80 and had reached the school's Minimum completeness criteria of 70.

Based on the research analysis, it was obtained that the average student's score increased, student learning completeness, individual and classical completion, and there were significant differences in student's abilities after implementing learning improvements using the Realistic Mathematics Education learning model.

Keywords : *Classroom Action Research, Learning Outcome, Learning Model, Realistic Mathematics Education Learning Model (RME).*