

Shinta Dwi Wahyuni. 2023. *Pengaruh Model Pembelajaran Realistic Mathematics Education (RME) terhadap Kemampuan Numerasi Siswa Kelas I SD Negeri Mediyunan II Kabupaten Bojonegoro*. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing : Rika Wulandari, S.Pd.,M.Pd.

ABSTRAK

Tujuan penelitian ini adalah untuk mengetahui adakah pengaruh yang signifikan penerapan model Pembelajaran *Realistic Mathematics Education* (RME) terhadap Kemampuan Numerasi Siswa Kelas I SD Negeri Mediyunan II Kabupaten Bojonegoro. Penelitian ini menggunakan metode penelitian kuantitatif jenis eksperimen dengan desain penelitian *Nonequivalent Control Group Design*. Populasi dalam penelitian ini adalah siswa kelas I SDN Mediyunan I dan II. Pengambilan sampel menggunakan sampling jenuh. Sampel penelitian sebanyak 28 siswa kelas I SDN Mediyunan I dan 23 siswa kelas I SDN Mediyunan II. Teknik pengumpulan data yang dilakukan dalam penelitian ini adalah tes dan observasi. Hasil penelitian menunjukkan bahwa hasil uji hipotesis dengan menggunakan uji t-test pada soal *pretest* diperoleh nilai Sig. (2-tailed) = 0,986 > 0,05 maka H_0 diterima dan H_a ditolak dan diperoleh nilai $t_{hitung} = 0,018 < t_{tabel} = 2,009$ maka H_0 diterima dan H_a ditolak artinya antara kedua data *pretest* kelas eksperimen dan kontrol tidak terdapat perbedaan yang signifikan. Hasil uji t-test pada soal *posttest* diperoleh nilai nilai Sig. (2-tailed) = 0,039 < 0,05 maka H_a diterima dan H_0 ditolak dan diperoleh nilai $t_{hitung} = 2,116 > t_{tabel} = 2,009$ maka H_a diterima dan H_0 ditolak artinya antara kedua data *posttest* kelas eksperimen dan kontrol terdapat perbedaan yang signifikan. Berdasarkan hasil nilai rata-rata *posttest* menunjukkan bahwa nilai kelas eksperimen lebih tinggi dari pada nilai kelas kontrol. Artinya kemampuan numerasi yang pembelajarannya menggunakan model pembelajaran *Realistic Mathematics Education* (RME) lebih baik.

Kata Kunci: Model Pembelajaran, *Realistic Mathematics Education* (RME), Numerasi.

Shinta Dwi Wahyuni. 2023. The Effect of the Realistic Mathematics Education (RME) Learning Model on the Numeracy Ability of Class I Students of SD Negeri Mediyunan II, Bojonegoro Regency. Thesis, Elementary School Teacher Education Study Program, Faculty of Education, Trunojoyo University, Madura. Advisor : Rika Wulandari, S.Pd., M.Pd.

ABSTRACT

The purpose of this study was to determine whether there was a significant effect of applying the Realistic Mathematics Education (RME) Learning model on the Numeracy Ability of Grade I Students at SD Negeri Mediyunan II, Bojonegoro Regency. This study uses a quantitative research method with an experimental type research design Nonequivalent Control Group Design. The population in this study were first grade students at SDN Mediyunan I and II. Sampling using saturated sampling. The research samples were 28 first grade students at SDN Mediyunan I and 23 first grade students at SDN Mediyunan II. Data collection techniques used in this study were tests and observations. The results showed that the results of the hypothesis test using the t-test on the pretest questions obtained the value of Sig. (2-tailed) = 0.986 > 0.05 then H_0 is accepted and H_a is rejected and $t_{\text{count}} = 0.018 < t_{\text{table}} = 2.009$ then H_0 is accepted and H_a is rejected, meaning that there is no significant difference between the two experimental and control group pretest data. The results of the t-test on the posttest questions obtained the value of Sig. (2-tailed) = 0.039 < 0.05 then H_a is accepted and H_0 is rejected and the $t_{\text{count}} = 2.116 > t_{\text{table}} = 2.009$ then H_a is accepted and H_0 is rejected meaning that between the two posttest data of the experimental and control classes there is a significant difference. Based on the results of the posttest average value, it shows that the value of the experimental class is higher than the value of the control class. This means that the numeracy skills that are learned using the Realistic Mathematics Education (RME) learning model are better.

Keywords: Learning Model, Realistic Mathematics Education (RME), Numeracy.