

Maslahatul Mufarrohah. 2023. **Analisis Kemampuan Representasi pada Siswa Berkemampuan Matematika Rendah Kelas V UPTD SDN Kesek 1**. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar. Fakultas Ilmu Pendidikan. Universitas Trunojoyo Madura. Pembimbing Umi Hanik, S.Pd., M.Pd.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui analisis kemampuan representasi pada siswa berkemampuan matematika rendah kelas V UPTD SDN Kesek 1, di Desa Kesek, Kecamatan Labang, Kabupaten Bangkalan. Kemampuan representasi merupakan kemampuan seseorang untuk menyajikan sebuah data dalam bentuk notasi, simbol, tabel, gambar, grafik, diagram, persamaan matematis menjadi bentuk lain. Pendekatan yang digunakan dalam penelitian ini adalah pendekatan kualitatif. Subjek penelitian menggunakan Teknik nonprobability sampling jenis purposive sampling. Subjek pada penelitian ini adalah guru dan 3 siswa yang memiliki kemampuan representasi rendah. Pengumpulan data ini menggunakan studi kasus, wawancara, dokumentasi dan observasi. Teknik analisis data yang digunakan yaitu model Miles dan Huberman berupa reduksi data, penyajian data dan kesimpulan. Berdasarkan hasil penelitian menunjukkan bahwa kemampuan representasi visual pada siswa berkemampuan matematika rendah mengalami kesulitan berupa kurangnya ketelitian dalam mengerjakan, tidak mencantumkan data secara lengkap sesuai soal yang diberikan, kesulitan menghadapi soal yang telah dimodifikasi. Pada kemampuan representasi persamaan, siswa berkemampuan matematika rendah mengalami kekeliruan dalam memahami soal yang terdapat persentase. Sedangkan pada kemampuan representasi teks tulis, pada siswa berkemampuan matematika rendah siswa mampu merubah data menjadi teks tulis namun sedikit kurang teliti dan kendala dalam menentukan kesimpulan pada sebuah data.

Kata kunci: Kemampuan Representasi, Sekolah Dasar, Matematika

Maslahatul Mufarrohah. 2023. **Implementation of the RME Approach to Students with Low Representational Ability Class V UPTD SDN Kesek 1.** Thesis. Elementary School Teacher Education Study Program. Faculty of Science Education. Trunojoyo Madura University. Supervisor Umi Hanik, S.Pd., M.Pd.

ABSTRACT

This study aims to determine the analysis of the ability of representation in students with low mathematical abilities in class V UPTD SDN Kesek 1, in Kesek Village, Labang District, Bangkalan Regency. Representational ability is a person's ability to present data in the form of notations, symbols, tables, pictures, graphs, diagrams, mathematical equations into other forms. The approach used in this study is a qualitative approach. The research subjects used a non-probability sampling technique with purposive sampling. The subjects in this study were teachers and 3 students who had low representational abilities. This data collection uses case studies, interviews, documentation and observation. The data analysis technique used is the Miles and Huberman model in the form of data reduction, data presentation and conclusions. Based on the results of the study, it was shown that the visual representation ability of students with low mathematical abilities experienced difficulties in the form of a lack of accuracy in doing the work, not including the complete data according to the questions given, difficulty dealing with questions that had been modified. In the ability to represent equations, students with low mathematical abilities experience mistakes in understanding questions that contain percentages. Whereas in the ability to represent written text, students with low mathematical abilities are able to convert data into written text but are a little less thorough and have problems in making conclusions on data.

Keywords: Representational Ability, Elementary School, Mathematics