

ABSTRAK

Suyati Fitriani 2022 “Penerapan Model Problem Based Learning Untuk Meningkatkan Kemampuan Berpikir Kreatif Matematis Siswa Kelas VII SMP Pada Materi Aritmatika Sosial Semester Genap Tahun Ajaran 2021/2022”. Dibawah Bimbingan Dr. Joko Suratno,S.Pd.,M.Pd.Si Dan Dr. Karman Lanani,S.Pd.,M.Si.

Tujuan penelitian ini adalah meningkatkan kemampuan berpikir kreatif matematis siswa SMP pada materi aritmatika sosial. Subjek penelitian ini adalah 20 siswa kelas VII SMP Negeri 4 Kota Ternate. Data kemampuan berpikir kreatif siswa diperoleh melalui: tes, wawancara dan dokumentasi, data tersebut di analisis dengan kemampuan berpikir kritis siswa di klarifikasi dalam kategori tinggi, sedang dan rendah. Hasil penelitian menunjukkan terdapat 8 siswa (40%) memiliki kemampuan berpikir kreatif matematis tinggi, 9 siswa (45%) memiliki kemampuan berpikir kreatif sedang, dan 3 siswa (5%) memiliki kemampuan berpikir kreatif rendah secara keseluruhan kemampuan berpikir kreatif matematis siswa kelas VII SMP Negeri 4 Kota Ternate dalam kategori sedang. Siswa dengan kemampuan berpikir kreatif kategori tinggi dapat menyelesaikan masalah aritmatika sosial, siswa dengan kategori sedang kurang mampu menyelesaikan masalah aritmatika sosial, dan siswa kategori rendah belum mampu menyelesaikan masalah aritmatika sosial dengan benar.

Kata Kunci: Berpikir Kreatif Matematis, Kemampun Berpikir Kratif Matematis, Aritmatika Sosial

ABSTRACT

Suyati Fitriani 2022 "Implementation of Problem Based Learning Models to Improve Mathematical Creative Thinking Ability of Class VII Junior High School Students in Social Arithmetic Materials Even Semester 2021/2022 Academic Year". Under the Guidance of Dr. Joko Suratno,S.Pd.,M.Pd.Si and Dr. Karman Lanani, S.Pd., M.Sc.

The purpose of this study was to improve the mathematical creative thinking skills of junior high school students on social arithmetic material. The subjects of this study were 20 grade VII students of SMP Negeri 4 Ternate City. Data on students' creative thinking abilities were obtained through: tests, interviews and documentation, the data were analyzed with students' critical thinking skills clarified in high, medium and low categories. The results showed that 8 students (40%) had high mathematical creative thinking skills, 9 students (45%) had moderate creative thinking skills, and 3 students (5%) had low creative thinking abilities overall. SMP Negeri 4 Ternate City in the medium category. Students with high category creative thinking skills can solve social arithmetic problems, students with moderate categories are less able to solve social arithmetic problems, and low category students have not been able to solve social arithmetic problems correctly.

Keywords: *Mathematical Creative Thinking, Mathematical Creative Thinking Ability, Social Arithmetic*