

ABSTRAK

PENGARUH MODEL *PROBLEM BASED LEARNING* TERHADAP KEMAMPUAN BERPIKIR KREATIF MATEMATIS SISWA (Studi pada Siswa Kelas VIII SMP Negeri 1 Bandar Lampung Semester Ganjil Tahun Pelajaran 2024/2025)

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Kemampuan berpikir kreatif merupakan salah satu kemampuan berpikir tingkat tinggi yang penting dikembangkan pada pembelajaran abad 21. Penelitian ini bertujuan untuk mengetahui pengaruh model *Problem Based Learning* terhadap kemampuan berpikir kreatif matematis siswa. Penelitian kuantitatif ini menggunakan pendekatan kuasi eksperimen dengan *pretest-posttest control group design*. Populasi penelitian ini adalah siswa kelas VIII SMPN 1 Bandar Lampung yang terdistribusi ke dalam 11 kelas. Terpilih 32 siswa kelas VIII-10 dan 31 siswa kelas VIII-11 sebagai sampel penelitian menggunakan teknik *purposive random sampling*. Berdasarkan hasil analisis statistik dengan Uji *Mann Whitney U*, peningkatan kemampuan berpikir kreatif matematis siswa yang mengikuti pembelajaran dengan model *Problem Based Learning* lebih tinggi dibandingkan peningkatan kemampuan berpikir kreatif matematis siswa yang mengikuti pembelajaran menggunakan pembelajaran konvensional. Dengan demikian, model *Problem Based Learning* berpengaruh terhadap kemampuan berpikir kreatif matematis siswa.

Kata kunci : kemampuan berpikir kreatif, pengaruh, *problem based learning*

ABSTRACT

THE INFLUENCE OF THE PROBLEM BASED LEARNING MODEL ON STUDENTS' MATHEMATICAL CREATIVE THINKING ABILITIES (Study on Class VIII Students of SMP Negeri 1 Bandar Lampung Odd Semester 2024/2025 Academic Year)

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Creative thinking ability is one of the high-level thinking skills that is important to develop in 21st century learning. This study aimed to determine the effect of the Problem Based Learning model on students' mathematical creative thinking ability. This quantitative study used a quasi-experimental approach with a pretest-posttest control group design. The population of this study were students of grade VIII of SMPN 1 Bandar Lampung who were distributed into 11 classes. 32 students of grade VIII-10 and 31 students of grade VIII-11 were selected as research samples using a purposive random sampling technique. Based on the results of statistical analysis with the Mann Whitney U Test, the increase in students' mathematical creative thinking ability who participated in learning with the Problem Based Learning model was higher than the increase in students' mathematical creative thinking ability who participated in learning using conventional learning. Thus, the Problem Based Learning model has an effect on students' mathematical creative thinking ability.

Keywords: creative thinking ability, influence, problem based leaning