

ABSTRAK

Maghfirly, Lia. 2023. Pengaruh Model Pembelajaran *Creative Problem Solving* Terhadap Kemampuan Pemecahan Masalah Matematika Siswa SMAN 1 Menganti. Skripsi. Program Studi Pendidikan Matematika. Fakultas Sains dan Teknologi. Universitas PGRI Adi Buana Surabaya. Pembimbing Dra. Sri Rahayu, M.Pd.

Kata Kunci: *Creative Problem Solving, Kemampuan Pemecahan Masalah Matematika, Permasalahan Kontekstual*

Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran *Creative Problem Solving* terhadap kemampuan pemecahan masalah matematika materi matriks siswa kelas XI SMAN 1 Menganti. Metode penelitian yang digunakan pada penelitian ini adalah kuasi eksperimen dengan desain penelitian one-group posttest design. Sampel penelitian ini adalah siswa kelas XI 5 sebagai kelas eksperimen dan kelas XI 6 sebagai kelas kontrol.

Teknik pengumpulan data yang digunakan adalah teknik dokumentasi dan tes. Instrumen yang digunakan untuk mengukur kemampuan pemecahan masalah matematika siswa terdiri dari 4 butir soal uraian dengan pendekatan masalah yang kontekstual.

Berdasarkan hasil penelitian yang telah dilakukan, data yang diperoleh dari hasil posttest dianalisis menggunakan uji normalitas, uji homogenitas, dan uji t. Hasil penelitian menunjukkan bahwa terdapat perbedaan kemampuan pemecahan masalah matematika antara siswa yang diajar dengan menggunakan model pembelajaran *Creative Problem Solving* dan siswa yang diajar dengan menggunakan model pembelajaran konvensional di SMAN 1 Menganti pada materi matriks. Hal ini dapat dilihat melalui hasil dari uji t yang menunjukkan bahwa $t_{hitung} = 3,73 > t_{tabel} = 1,99$, dengan taraf $\alpha = 0,05$ maka H_0 ditolak dan H_1 diterima.

Sehingga dapat disimpulkan bahwa ada pengaruh pada penerapan model pembelajaran *Creative Problem Solving* terhadap kemampuan pemecahan masalah matematika siswa SMAN 1 Menganti.

ABSTRACT

Magfirly, Lia. 2023. *The Effect of Creative Problem Solving Learning Model on Mathematics Problem Solving Ability of Students at SMAN 1 Menganti*. Undergraduate Thesis. Mathematics Education Department. Faculty of Science and Technology. Universitas PGRI Adi Buana Surabaya. Advisors: Dra. Sri Rahayu, M.Pd.

Keywords: Creative Problem Solving, Mathematics Problem Solving Abilities, Contextual Problem.

This study aimed to determine the influence of the Creative Problem Solving learning model on the ability to solve mathematical problems in the matrix material of grade XI students of SMAN 1 Menganti. The research method used in this study was a quasi-experiment with a one-group posttest design research design. The sample of this study were class XI 5 students as an experimental class and class XI 6 as a control class.

The data collection techniques used were documentation and tests. The instrument used to measure students' mathematical problem-solving ability consisted of 4 points of description questions with a contextual problem approach.

Based on the results of the research, the data obtained from the posttest are analyzed using normality tests, homogeneity tests, and t tests. The results showed that there were differences in mathematical problem solving abilities between students who were taught using the Creative Problem Solving learning model and students who were taught using conventional learning models at SMAN 1 Menganti on matrix material. This can be seen through the results of the t test which showed that $t_{hitung} = 3,73 > t_{tabel} = 1,99$, with a level of $\alpha = 0,05$, H_0 rejected and H_1 accepted.

Therefore, it could be concluded that the implementation of the Creative Problem Solving learning model has an influence on the students of SMAN 1 Menganti's ability to solve mathematical problems.