

Nasrulloh, Bahrudin Alwi 2022. Pengaruh *Model Creative Problem Solving* dengan Pendekatan *Open Ended* Terhadap Kemampuan Berfikir Kreatif Matematika Siswa. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura.

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui adakah pengaruh *model creative problem solving* dengan pendekatan *open ended* terhadap kemampuan berfikir kreatif matematika siswa khususnya pada materi bangun ruang dikelas V SDN Kedali Lamongan. Penelitian ini merupakan jenis penelitian kuantitatif. Desain penelitian ini quasi eksperimental design dengan jenis nonequivalent control group design. Sampel menggunakan 30 siswa yaitu 15 siswa di kelas kontrol dan 15 siswa di kelas eksperimen. Teknik pengumpulan data menggunakan tes dan angket. Hasil uji hipotesis tentang hasil belajar menggunakan uji-t dua sampel independen diperoleh $t_{hitung} = 2,133$ dan $t_{tabel} = 2,048$, dengan taraf signifikan $\alpha = 5\%$, sehingga $t_{hitung} > t_{tabel}$ maka H_0 ditolak, artinya ada perbedaan hasil belajar siswa kemampuan berfikir kreatif matematika siswa antara kelas eksperimen dan kelas kontrol. adanya pengaruh ditandai oleh adanya perbedaan rata-rata pada sampel. Dengan demikian disimpulkan, ada pengaruh penerapan *model creative problem solving* dengan pendekatan *open ended* terhadap kemampuan berfikir kreatif matematika siswa khususnya pada materi bangun ruang dikelas V SDN Kedali Lamongan.

Kata kunci: *Model Creative Problem Solving, Pendekatan Open Ended, Berpikir Kreatif Matematis.*

Nasrulloh, Bahrudin Alwi 2022. The Effect Of Creative Problem Solving Models With An Open Ended Approach On Students' Creative Thinking Skills In Mathematics. Thesis, Elementary School Teacher Education Study Program, Faculty of Education, Trunojoyo University, Madura.

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ABSTRACT

This study aims to determine whether there is an effect of the creative problem solving model with an open ended approach on students' creative thinking skills in mathematics, especially on the material of building space in class V SDN Kedali Lamongan. This research is a type of quantitative research. The research design is a quasi-experimental design with a nonequivalent control group design. The sample used 30 students, namely 15 students in the control class and 15 students in the experimental class. Data collection techniques using tests and questionnaires. The results of hypothesis testing about learning outcomes using two independent sample t-tests obtained $t_{\text{count}} = 2.133$ and $t_{\text{table}} = 2.048$, with a significant level = 5%, so $t_{\text{count}} > t_{\text{table}}$ then H_0 is rejected, meaning that there are differences in student learning outcomes in thinking ability creative mathematics of students between the experimental class and the control class. the existence of an effect is indicated by the difference in the average in the sample. Thus, it is concluded that there is an effect of the creative problem solving model with an open-ended approach on students' creative thinking skills in mathematics, especially on the material for building space in class V at SDN Kedali Lamongan.

Keywords: *Creative problem solving models, Open ended approach, Mathematical Creative Thinking.*