

**PENGARUH PENERAPAN MODEL *CREATIVE PROBLEM SOLVING*  
BERBANTUAN TEKNIK JARIMATIKA TERHADAP  
KEMAMPUAN NUMERASI SISWA KELAS IV SDN  
GUGUS III KUTA UTARA TAHUN AJARAN 2023/2024**

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**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui pengaruh terhadap kemampuan numerasi siswa setelah dibelajarkan menggunakan model *Creative Problem Solving* berbantuan Teknik Jarimatika. Penelitian ini menggunakan penelitian eksperimen semu dengan rancangan desain penelitian *non-equivalent control group desain*. Populasi dalam penelitian adalah seluruh siswa kelas IV SD Negeri Gugus III Kuta Utara Tahun Ajaran 2023/2024 yang berjumlah 413 siswa. Penentuan sampel dalam penelitian menggunakan *cluster random sampling* dan mencari dua kelas sampel, memperoleh kelompok eksperimen dari kelas IV B SD No. 3 Kerobokan Kaja sebanyak 30 siswa, serta kelompok kontrol kelas IV B SD No. 2 Kerobokan Kaja sebanyak 28 siswa. Jumlah sampel sebanyak 58 siswa, penelitian menggunakan metode pengumpulan data dengan tes objektif pilihan ganda dan tipe benar salah. Data kemampuan numerasi dianalisis dengan teknik analisis statistik deskriptif dan teknik analisis statistik inferensial menggunakan uji-t *Polled Varians*. Hasil uji hipotesis menunjukkan bahwa  $t_{hitung} = 5,62$ , dengan nilai  $t_{tabel}$  pada taraf signifikansi 5% dan  $dk = 56$  adalah 1,673. Maka diperoleh  $t_{hitung} = 5,62 > t_{tabel} = 1,673$ , sehingga  $H_0$  ditolak dan  $H_1$  diterima yang berarti terdapat perbedaan antara kemampuan numerasi siswa kelompok yang dibelajarkan menggunakan model *Creative Problem Solving* berbantuan teknik Jarimatika dengan kelompok siswa yang tidak dibelajarkan dengan model *Creative Problem Solving* berbantuan teknik Jarimatika pada siswa kelas IV SD Negeri Gugus III Kuta Utara Tahun Ajaran 2023/2024. Dengan demikian dapat disimpulkan bahwa model *Creative Problem Solving* berbantuan teknik Jarimatika berpengaruh terhadap kemampuan numerasi siswa kelas IV SD Negeri Gugus III Kuta Utara Tahun Ajaran 2023/2024.

**Kata Kunci:** *Creative Problem Solving* (CPS), Jarimatika, Kemampuan Numerasi

## ABSTRACT

*This research aims to determine the effect on students' numeracy abilities after learning using the Creative Problem Solving model assisted by the Jarimatika Technique. This research uses quasi-experimental research with a non-equivalent control group research design. The population in the study were all fourth grade students at SD Negeri Gugus III North Kuta for the 2023/2024 academic year, totaling 413 students. Determining the sample in this research used cluster random sampling and looked for two sample classes, obtaining the experimental group from class IV B of SD No. 3 Kerobokan Kaja as many as 30 students, as well as a control group of class IV B SD No. 2 Kerobokan Kaja as many as 28 students. The total sample was 58 students, the research used data collection methods with multiple choice objective tests and true-false types. Numeracy ability data was analyzed using descriptive statistical analysis techniques and inferential statistical analysis techniques using the Polled Variance t-test. The results of the hypothesis test show that  $t_{count} = 5.62$ , with the  $t_{table}$  value at the 5% significance level and  $dk = 56$  is 1.673. So we get  $t_{count} = 5.62 > t_{table} = 1.673$ , so  $H_0$  is rejected and  $H_1$  is accepted, which means there is a difference between the numeracy abilities of the group of students who were taught using the Creative Problem Solving model assisted by the Jarimatika technique and the group of students who were not taught using the Creative Problem Solving model assisted by the technique. Jarimatika for class IV students at SD Negeri Gugus III North Kuta for the 2023/2024 academic year. Thus, it can be concluded that the Creative Problem Solving model assisted by the Jarimatika technique has an effect on the numeracy abilities of class IV students at SD Negeri Gugus III North Kuta for the 2023/2024 academic year.*

**Keywords:** *Creative Problem Solving (CPS), Mathematics, Numeracy Ability*

