

PENGARUH MODEL PEMBELAJARAN *PROBING PROMPTING* BERBANTUAN MEDIA *GEOBOARD* TERHADAP HASIL BELAJAR MATEMATIKA SISWA KELAS IV SDN GUGUS VIII I GUSTI NGURAH RAI DENPASAR BARAT

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ABSTRAK

Penelitian ini bertujuan mengetahui pengaruh yang signifikan model pembelajaran *probing prompting* berbantuan media *geoboard* terhadap hasil belajar matematika siswa kelas IV SDN Gugus VIII I Gusti Ngurah Rai Denpasar Barat. Penelitian ini merupakan penelitian kuantitatif yaitu penelitian eksperimen dengan desain eksperimen semu (*Quasi-Experimental Design*) dengan menggunakan rancangan yaitu *post-test only control group design*. Populasi penelitian ini sebanyak 514 seluruh siswa kelas IV SDN Gugus VIII I Gusti Rai Denpasar Barat. Sampel diambil dengan teknik *cluster random sampling* dan diperoleh sampel yaitu siswa kelas IV SDN 18 Padangsambian sebagai kelas eksperimen sebanyak 30 orang dan siswa kelas IV SDN 5 Padangsambian sebagai kelas kontrol dengan banyak 29 orang. Metode pengumpulan data yaitu tes dengan menggunakan instrumen tes pilihan ganda. Data hasil penelitian di analisis dengan teknik statistik inferensial (uji-t) *polled varians*. Hasil analisis data diperoleh bahwa rata-rata skor *post-test* pada kelas eksperimen 88,33 yang berada pada kategori tinggi, sedangkan rata-rata skor *post-test* pada kelas kontrol 70,69 yang berada pada kategori sedang pada tabel PAP dengan skala 5 (Lima). Hasil analisis uji- t diperoleh $t_{hitung} = 9,255$ dan $t_{tabel} = 2,002$ pada taraf signifikan 5% dengan $dk = 57$, sehingga $t_{hitung} = 9,255 > t_{tabel} = 2,002$ maka H_0 ditolak dan H_1 diterima yang berbunyi terdapat perbedaan yang signifikan hasil belajar matematika yang dibelajarkan dengan model pembelajaran *probing prompting* berbantuan media *geoboard* dan hasil belajar matematika yang tidak dibelajarkan dengan model pembelajaran *probing prompting* berbantuan media *geoboard*. Maka dapat di simpulkan bahwa terdapat pengaruh yang signifikan model pembelajaran *probing prompting* berbantuan media *geoboard* terhadap hasil belajar siswa kelas IV SDN Gugus VIII I Gusti Ngurah Rai Denpasar Barat.

Kata kunci: *Probing Prompting, Geoboard, Hasil Belajar Matematika*

**THE EFFECT OF PROBING PROMPTING LEARNING MODEL USED BY
GEOBOARD MEDIA ON THE MATHEMATICS LEARNING OUTCOMES
OF GRADE IV STUDENTS OF SDN GUGUS VIII I GUSTI NGURAH RAI
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ABSTRACT

This study aims to determine the significant effect of probing prompting learning model assisted by geoboard media on the mathematics learning outcomes of grade IV students of SDN Gugus VIII I Gusti Ngurah Rai West Denpasar. This study is a quantitative study, namely experimental research with a quasi-experimental design (Quasi-Experimental Design) using a post-test only control group design. The population of this study was 514 all grade IV students of SDN Gugus VIII I Gusti Rai West Denpasar. The sample was taken using cluster random sampling technique and the sample obtained was 30 fourth grade students of SDN 18 Padangsembian as an experimental class and 29 fourth grade students of SDN 5 Padangsembian as a control class. The data collection method was a test using a multiple-choice test instrument. The research data were analyzed using inferential statistical techniques (t-test) pooled variance. The results of the data analysis showed that the average post-test score in the experimental class was 88.33 which was in the high category, while the average post-test score in the control class was 70.69 which was in the medium category in the PAP table with a scale of 5 (Five). The results of the t-test analysis obtained $t_{count} = 9.255$ and $t_{table} = 2.002$ at a significant level of 5% with $dk = 57$, so that $t_{count} = 9.255 > t_{table} = 2.002$ then H_0 is rejected and H_1 is accepted which states that there is a significant difference in the results of learning mathematics that is taught with the probing prompting learning model assisted by geoboard media and the results of learning mathematics that is not taught with the probing prompting learning model assisted by geoboard media. So it can be concluded that there is a significant influence of the probing prompting learning model assisted by geoboard media on the learning outcomes of grade IV students of SDN Gugus VIII I Gusti Ngurah Rai Denpasar Barat.

Keywords: *Probing Prompting, Geoboard, Mathematics Learning Outcomes*