

PENGARUH MODEL PEMBELAJARAN KOOPERATIF TIPE *GROUP INVESTIGATION* BERBANTUAN MEDIA *POWERPOINT* INTERAKTIF TERHADAP KOMPETENSI PENGETAHUAN IPAS SISWA KELAS V SD NEGERI GUGUS III KUTA SELATAN TAHUN AJARAN 2023/2024

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ABSTRAK

Penelitian ini bertujuan untuk (1) mengetahui kompetensi pengetahuan IPAS siswa kelas V SD Negeri Gugus III Kuta Selatan yang dibelajarkan menggunakan model pembelajaran Kooperatif Tipe *Group Investigation* berbantuan media *PowerPoint* (2) untuk mengetahui kompetensi pengetahuan IPAS siswa kelas V SD Negeri Gugus III Kuta Selatan yang tidak dibelajarkan menggunakan model pembelajaran Kooperatif Tipe *Group Investigation* berbantuan media *PowerPoint* (3) mengetahui pengaruh yang signifikan model pembelajaran Kooperatif Tipe *Group Investigation* berbantuan media *PowerPoint* terhadap kompetensi pengetahuan IPAS pada siswa kelas V SD Negeri Gugus III Kuta Selatan tahun ajaran 2023/2024. Penelitian ini merupakan penelitian *quasi experiment* dengan desain *non-equivalent control group design*. Populasi penelitian ini sebanyak 333 seluruh siswa kelas V SD Negeri Gugus III Kuta Selatan. Sampel diambil dengan teknik *cluster random sampling* dan diperoleh sampel yaitu siswa kelas V SD No. 9 Jimbaran sebagai kelas Eksperimen dan siswa kelas V SD No. 11 Jimbaran sebagai kelompok kontrol. Metode pengumpulan data menggunakan tes objektif pilihan ganda. Data hasil penelitian dianalisis dengan teknik analisis uji-t. Hasil analisis data dari kelompok siswa yang dibelajarkan menggunakan model pembelajaran kooperatif tipe *Group Investigation* berbantuan media *PowerPoint* interaktif memperoleh nilai rata-rata 75,61 berada pada kategori sedang. Sedangkan, hasil dari kelompok siswa yang tidak dibelajarkan menggunakan model pembelajaran kooperatif tipe *Group Investigation* berbantuan media *PowerPoint* interaktif memperoleh nilai rata-rata 57,57 yang pada kategori rendah. Hasil analisis uji-t diperoleh $t_{hitung} = 5,29$ dan $t_{tabel} = 2,005$ pada taraf signifikansi 5% dengan $dk = 28 + 28 - 2 = 54$. Hal ini menunjukkan bahwa t_{hitung} lebih dari t_{tabel} ($5,29 > 2,005$) sehingga H_0 ditolak dan H_a diterima yang berbunyi tidak terdapat perbedaan yang signifikan antara kompetensi pengetahuan IPAS siswa yang dibelajarkan dengan model pembelajaran kooperatif tipe *Group Investigation* berbantuan media *PowerPoint* interaktif dengan kompetensi pengetahuan IPAS siswa yang tidak dibelajarkan dengan model pembelajaran kooperatif tipe *Group Investigation* berbantuan media *PowerPoint* interaktif. Maka dapat disimpulkan bahwa terdapat pengaruh yang signifikan model pembelajaran kooperatif tipe *Group Investigation* berbantuan media *PowerPoint* interaktif terhadap kompetensi pengetahuan IPAS pada siswa kelas V SD Negeri Gugus III Kuta Selatan tahun ajaran 2023/2024.

Kata Kunci: *Group Investigation*, *PowerPoint* Interaktif, Kompetensi Pengetahuan IPA

ABSTRACT

This research aims to (1) determine the science and science knowledge competency of fifth grade students at Gugus III South Kuta State Elementary School who are taught using the Cooperative Group Investigation Type learning model assisted by PowerPoint media (2) to determine the science and science knowledge competence of fifth grade students at Gugus III South Kuta State Elementary School. not taught using the Cooperative Group Investigation Type learning model assisted by PowerPoint media (3) to find out the significant influence of the Cooperative Group Investigation Type learning model assisted by PowerPoint media on the science and science knowledge competency of fifth grade students at SD Negeri Gugus III South Kuta for the 2023/2024 academic year. This research is a quasi-experimental research with a non-equivalent control group design. The population of this study was 333 all class V students at SD Negeri Gugus III South Kuta. The sample was taken using a cluster random sampling technique and the sample obtained was class V students of SD No. 9 Jimbaran as an Experimental class and fifth grade students at SD No. 11 Jimbaran as the control group. The data collection method uses multiple choice objective tests. The research data were analyzed using the t-test analysis technique. The results of data analysis from groups of students who were taught using the Group Investigation type cooperative learning model assisted by interactive PowerPoint media obtained an average score of 75.61 in the medium category. Meanwhile, the results of the group of students who were not taught using the Group Investigation type cooperative learning model assisted by interactive PowerPoint media obtained an average score of 57.57 which was in the low category. The results of the t-test analysis obtained $t_{\text{count}} = 5.29$ and $t_{\text{tabel}} = 2.005$ at a significance level of 5% with $dk = 28 + 28 - 2 = 54$. This shows that t_{count} is more than t_{tabel} ($5.29 > 2.005$) so that H_0 is rejected and H_a was accepted, which stated that there was no significant difference between the science knowledge competency of students who were taught using the Group Investigation type cooperative learning model assisted by interactive PowerPoint media and the science and science knowledge competency of students who were not taught using the Group Investigation type cooperative learning model assisted by interactive PowerPoint media. So it can be concluded that there is a significant influence of the Group Investigation type cooperative learning model assisted by interactive PowerPoint media on the science and science knowledge competency of fifth grade students at Gugus III South Kuta State Elementary School for the 2023/2024 academic year.

Keywords: *Group Investigation, Interactive PowerPoint, Science Knowledge Competency*