

**PENGARUH MODEL *PROJECT BASED LEARNING*
BERBANTUAN MEDIA KONKRET
TERHADAP KOMPETENSI PENGETAHUAN IPA
SISWA KELAS V SD GUGUS I KUTA SELATAN
TAHUN AJARAN 2019/2020**

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui Pengaruh Model *Project Based Learning* berbantuan media konkret terhadap kompetensi Pengetahuan IPA siswa kelas V SD Gugus I Kuta Selatan Tahun Ajaran 2019/2020. Eksperimen semu digunakan dalam penelitian ini dengan desain *nonequivalent control group desain*. Jumlah seluruh siswa kelas V SD Gugus I Kuta Selatan Tahun 2019/2020 sebanyak 13 kelas terdiri dari 371 siswa yang dijadikan sebagai populasi penelitian. *Random sampling* digunakan untuk memilih sampel. Kelompok eksperimen dalam penelitian ini adalah kelas VB SD No.9 Bena dengan jumlah 32 siswa dan kelompok kontrol kelas VA SD No.3 Bena dengan jumlah 33 siswa. Data kompetensi pengetahuan IPA dikumpulkan menggunakan instrumen tes objektif dalam bentuk pilihan ganda berjumlah 31 butir soal yang telah divalidasi. Data kompetensi pengetahuan IPA selanjutnya dianalisis menggunakan uji *t polled varian*. Berdasarkan hasil analisis uji *t* diperoleh $t_{hitung} = 4,17$. Nilai tersebut kemudian dibandingkan dengan nilai t_{tabel} dengan $dk = 63$. Dengan taraf signifikansi 5% sehingga diperoleh nilai $t_{tabel} = 2,000$ berarti H_0 ditolak, karena $t_{hitung} = 4,17 > t_{tabel} = 2,000$. Demikian pula rata-rata kompetensi pengetahuan IPA siswa kelompok eksperimen $\bar{x} = 81,43 > \bar{x} = 70,33$ rata-rata kompetensi pengetahuan IPA siswa kelompok kontrol. Kesimpulan yang didapat dari penelitian ini adalah model *Project Based Learning* berbantuan media konkret berpengaruh secara signifikan terhadap kompetensi pengetahuan IPA siswa kelas V SD Gugus I Kuta Selatan Tahun Ajaran 2019/2020.

Kata Kunci: *Project Based Learning*, media konkret, IPA

**THE EFFECT OF THE PROJECT BASED LEARNING MODEL
ASSISTED BY CONCRETE MEDIA
ON THE SCIENCE COMPETENCE OF FIFTH GRADE ELEMENTARY
SCHOOL STUDENTS IN THE SOUTH KUTA CLUSTER
IN THE ACADEMIC YEAR 2019/2020**

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ABSTRACT

This study aims to determine the effect of the Project Based Learning Model assisted by concrete media on the science competence of the fifth grade students of South Kuta Elementary School I in 2019/2020 Academic Year. Quasi experiments were used in this study with the nonequivalent control group design. The total number of students in class V of Elementary School I Group South Kuta in 2019/2020 was 13 classes consisting of 371 students who were used as the study population. Random sampling is used to select samples. The experimental group in this study was the VB SD No.9 Bena with 32 students and the control group VA SD No.3 Bena with 33 students. The science competency data were collected using objective test instruments in the form of multiple choice totaling 31 items that had been validated. The science knowledge competency data is then analyzed using the variant pooled t test. Based on the results of the t test analysis obtained $t_{hitung} = 4.17$. The value is then compared with the table value with $dk = 63$. With a significance level of 5% so that the value of $t_{table} = 2,000$ means that H_0 is rejected, because $t_{count} = 4.17 > t_{table} = 2,000$. Likewise, the average science competency of science students in the experimental group was the average science competency of the control group students. The conclusion obtained from this study is that the Project Based Learning model assisted by concrete media significantly influences the science knowledge competence of fifth grade students of South Kuta Elementary School Group I in 2019/2020 Academic Year.

Kata Kunci: *Project Based Learning*, concrete media, IPA