

ABSTRAK

Dewi, Ida Ayu Dian Citra (2023), “Pengaruh Model *Problem-based learning* berbasis *TPACK* Terhadap Minat dan Hasil Belajar IPA Siswa Kelas V SD gugus VIII Kecamatan Mengwi”. Tesis, Pendidikan Dasar, Program Pascasarjana, Universitas Pendidikan Ganesha.

Kata-kata kunci: Problem Based Learning, TPACK, minat belajar, hasil belajar IPA

Penelitian ini bertujuan untuk mengetahui pengaruh pembelajaran dengan model *Problem Based Learning* berbasis *TPACK* terhadap minat dan hasil belajar IPA siswa kelas V SD Gugus VIII Kecamatan Mengwi. Jenis penelitian yang dilaksanakan adalah penelitian eksperimen semu (*quasi eksperimen*) dengan rancangan penelitian *posttest-only control group design*. Populasi penelitian ini adalah seluruh siswa Kelas V SD gugus VIII Kecamatan Mengwi, yang terdiri dari 226 orang siswa. Sebanyak 51 siswa, dipilih sebagai sampel yang ditentukan dengan teknik *group random sampling*. Pengumpulan data menggunakan metode tes pilihan ganda untuk mengukur hasil belajar IPA siswa dan metode non tes berupa angket untuk mengukur minat belajar IPA siswa. Data dianalisis dengan menggunakan analisis Manova satu jalur berbantuan program *IBM SPSS Statistic 25.00 for Windows*. Penelitian menghasilkan beberapa penemuan *Pertama*, terdapat perbedaan minat belajar antara siswa yang mengikuti model *Problem Based Learning* berbasis *TPACK* dengan siswa yang tidak mengikuti model *Problem Based Learning* di kelas V SD Gugus VIII Kecamatan Mengwi, baik secara simultan maupun secara terpisah. *kedua*, berdasarkan uji LSD terdapat pengaruh yang signifikan lebih besar rata-rata minat belajar dan hasil belajar IPA siswa yang mengikuti model *Problem Based Learning* berbasis *TPACK* dibandingkan dengan siswa yang tidak mengikuti model *Problem Based Learning*. Berdasarkan temuan-temuan tersebut disimpulkan bahwa *Problem Based Learning* berbasis *TPACK* berpengaruh positif terhadap minat belajar dan hasil belajar IPA siswa.



ABSTRACT

Dewi, Ida Ayu Dian Citra (2023), *"The Influence of the TPACK-based Problem-based learning Model on the Science Learning Interests and Outcomes of Class V Elementary School Students in Cluster VIII, Mengwi District."* Thesis, Basic Education, Postgraduate Program, Ganesha University of Education.

Key words: TPACK, Problem Based Learning, learning interest, science learning outcomes

This research aims to determine the effect of learning using the TPACK-based Problem Based Learning model on the interest and learning outcomes of science in class V of Gugus VIII Elementary School, Mengwi District. The type of research carried out was quasi-experimental research with a posttest-only control group design. The population of this study was all students in Class V of SD VIII, Mengwi District, consisting of 226 students. A total of 51 students were selected as samples determined by group random sampling technique. Data collection uses a multiple choice test method to measure students' science learning outcomes and a non-test method in the form of a questionnaire to measure students' interest in learning science. Data were analyzed using one-way Manova analysis assisted by the IBM SPSS Statistics 25.00 for Windows program. The research produced several findings. First, there was a difference in interest in learning between students who followed the TPACK-based Problem Based Learning model and students who did not follow the Problem Based Learning model in class V of SD Gugus VIII, Mengwi District, both simultaneously and separately. secondly, based on the LSD test, there is a significantly greater difference in the average learning interest and science learning outcomes of students who follow the TPACK-based Problem Based Learning model compared to students who do not follow the Problem Based Learning model. Based on these findings, it was concluded that TPACK-based Problem Based Learning had a positive effect on students' interest in learning and science learning outcomes.