

ABSTRAK

Wardhana, I Putu Bendesa Wirya (2023), “*Pengaruh Model Problem Based Learning Berbantuan Cabri 3D Terhadap Kemampuan Pemecahan Masalah Matematika dan Self Efficacy Siswa Kelas V Sekolah Dasar di Gugus Letkol Wisnu Kota Denpasar Utara*”. Tesis, Pendidikan Dasar, Program Pascasarjana, Universitas Pendidikan Ganesha.

Kata-kata kunci: model *problem based learning* berbantuan *cabri 3D*, kemampuan pemecahan masalah, *self efficacy*

Penelitian ini bertujuan untuk mengetahui pengaruh pembelajaran dengan model *problem based learning* berbantuan *cabri 3D* terhadap kemampuan pemecahan masalah dan *self efficacy* siswa kelas V SD Gugus Letkol Wisnu Kota Denpasar Utara. 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 Letkol Wisnu Kota Denpasar Utara, yang terdiri dari 325 orang siswa. Sebanyak 117 siswa, dipilih sebagai sampel yang ditentukan dengan teknik *group random sampling*. Pengumpulan datanya menggunakan metode tes essay untuk mengukur kemampuan pemecahan masalah siswa dan metode non tes berupa angket untuk mengukur *self efficacy* siswa. Data dianalisis dengan menggunakan analisis MANOVA berbantuan program *IBM SPSS Statistic 25.00 for Windows*. Hasil penelitian adalah sebagai berikut. *Pertama*, terdapat perbedaan secara simultan kemampuan pemecahan masalah dan *self efficacy* antara siswa yang mengikuti pembelajaran dengan model *problem based learning* berbantuan *cabri 3D* dengan siswa yang mengikuti pembelajaran *direct learning*. *Kedua*, terdapat perbedaan kemampuan pemecahan masalah matematika antara siswa yang mengikuti pembelajaran dengan model *problem based learning* berbantuan *cabri 3D* dengan siswa yang mengikuti pembelajaran *direct learning*. *Ketiga*, terdapat perbedaan *self efficacy* antara siswa yang mengikuti pembelajaran dengan dengan model *problem based learning* berbantuan *cabri 3D* dengan siswa yang mengikuti pembelajaran *direct learning*. Berdasarkan temuan-temuan tersebut disimpulkan bahwa model *problem based learning* berbantuan *cabri 3D* berpengaruh positif terhadap kemampuan pemecahan masalah dan *self efficacy* siswa.

ABSTRACT

Wardhana, I Putu Bendesa Wirya (2023), "The Influence of Cabri 3D Help Problem Based Learning Model on Matematic Problem Solving Skills and Self Efficacy for Class V Elementary School of Gugus Letkol Wisnu Denpasar Utara"

Key words: Cabri 3D, Problem based learning Model, matematic problem solving skills, Self Efficacy.

This study aims to determine the magnitude of the effect of learning with a cabri 3D help problem based learning model on matematic problem solving skill and self efficacy for fifth graders of primary school of Gugus Letkol Wisnu Denpasar Utara. The type of research conducted in this study is quasi-experimental research (quasi experiment) with a posttest-only control group design research design. The population in this study were all fifth graders of Primary School of Gugus Letkol Wisnu Denpasar Utara, which consisting of 325 students. A total of 117 students were selected as the sample determined by group random sampling technique. The data was collected using a multiple-choice objective test methods to measure student matematic learning problem solving skill and non-test method in the form of quisioner as an instrument to measure student's self efficacy. The data then were analyzed using manova analysis assisted by IBM SPSS Statistics 25.00 for Windows program. The results of the study show that: Firstly, there are differences in matematic problem solving skill and self efficacy problem based learning model help on cabri 3D and students who take direct learning. Secondly, there are differences in matematic problem solving skill between students who take learning with a problem based learning model help on cabri 3D and students who take direct learning. Thirdly, there are differences in self efficacy between students who take with problem based learning model help on cabri 3D and students who take direct learning. Based on these findings, it means that the 3D Cabri-assisted problem-based learning model has an effect positive non students' problem-solving abilities and self-efficacy.

