

**PENGARUH MODEL *PROBLEM BASED INSTRUCTION*
TERHADAP HASIL BELAJAR MATEMATIKA SISWA
KELAS V SD N GUGUS JENDERAL SUDIRMAN
DENPASAR SELATAN TAHUN AJARAN 2019/2020**

Oleh

Ni Kadek Linda Astiti Rahayu, NIM. 1611031100

Jurusan Pendidikan Dasar

Prodi Pendidikan Guru Sekolah Dasar

ABSTRAK

Penelitian ini berfokus dan bertujuan guna untuk mengetahui pengaruh dari model *Problem Based Instruction* terhadap hasil belajar matematika siswa kelas V SD N Gugus Jenderal Sudirman Denpasar Selatan Tahun Ajaran 2019/2020. Quasi eksperimen merupakan jenis dari penelitian ini serta dipilih *Non Equivalent Control Group Design* sebagai rancangan dengan *pretest* hanya digunakan dalam rangka mengetahui kesetaraan kelompok. Kelas V SD N 6 Sesetan dan kelas V SD N 13 Sesetan terpilih sebagai sampel melalui teknik undian (*cluster*) dari 8 anggota populasi yakni seluruh kelas V SD N Gugus Jenderal Sudirman. Dalam proses pengumpulan data, tes dipilih sebagai instrumen dengan jenis tes uraian sehingga didapatkan data berupa nilai yang berbentuk data kuantitatif yang dianalisis dengan teknik analisis statistik inferensial menggunakan rumus *separated varians* pada uji-t. Rumus *separated varians* dipilih karena pada analisis uji prasyarat yang dilakukan sebelumnya, data yang dianalisis berdistribusi normal tetapi tidak homogen. Berdasarkan hasil analisis uji-t dengan rumus *separated varians*, diperoleh 7,2909 sebagai t_{hitung} sementara itu 2,021 sebagai t_{tabel} . Berdasarkan hal ini maka $t_{hitung} > t_{tabel}$ yakni $7,2909 > 2,021$. Sehingga terjadi penolakan H_0 dan terjadi penerimaan H_a . H_a yakni terdapat perbedaan yang signifikan hasil belajar matematika antara kelompok yang dibelajarkan melalui model *Problem Based Instruction* dengan kelompok yang dibelajarkan secara konvensional, dengan demikian dapat disimpulkan bahwasannya model *Problem Based Instruction* memberikan pengaruh pada hasil belajar matematika siswa SD N Gugus Jenderal Sudirman Denpasar Selatan Tahun Ajaran 2019/2020 sehingga disarankan kepada peneliti selanjutnya agar hasil penelitian ini digunakan sebagai referensi dalam pelaksanaan penelitian yang akan dilakukan selanjutnya tentu dengan modifikasi variabel bebas menggunakan berbagai media yang lebih beragam untuk menunjang keberhasilan suatu penelitian dari peneliti selanjutnya.

Kata kunci : *Problem Based Instruction* , hasil belajar matematika, kelas V SD

**EFFECT OF PROBLEM BASED INSTRUCTION MODEL
TOWARDS STUDENT LEARNING OUTCOMES IN MATHEMATICS
CLASS V SD N CLASS GENERAL SUDIRMAN
SOUTH DENPASAR ACADEMIC YEAR 2019/2020**

By

Ni Kadek Linda Astiti Rahayu, NIM. 1611031100

Department of Basic Education

Elementary School Teacher Education Study Program

ABSTRACT

This study focuses and aims to determine the effect of the Problem Based Instruction model on the mathematics learning outcomes of fifth grade students at SD N Cluster General Sudirman South Denpasar Academic Year 2019/2020. Quasi experimentation is a type of this study and selected Non Equivalent Control Group Design as a design with pretest is only used in order to find out group equality. Class V SD N 6 Sasetan and class V SD N 13 Sasetan were selected as samples through a lottery technique (cluster) of 8 members of the population that is the entire class V SD N cluster General Sudirman. In the process of collecting data, the test was chosen as an instrument with the type of test description in order to obtain data in the form of quantitative data that was analyzed by inferential statistical analysis techniques using the separated variance formula in the t-test. The separated variance formula was chosen because in the prerequisite test analysis conducted previously, the data analyzed were normally distributed but not homogeneous. Based on the results of the t-test analysis with separated variance formula, obtained 7.2909 as tcount while 2.021 as ttable. Based on this, tcount > ttable is 7.2909 > 2,021. So that rejection occurs H0 and Ha reception occurs. Ha namely there is a significant difference in mathematics learning outcomes between groups learned through the Problem Based Instruction model and groups that are taught conventionally, thus it can be concluded that the Problem Based Instruction model has an influence on the mathematics learning outcomes of elementary school students at SD N Group Sudirman Denpasar Selatan Academic Year 2019/2020 so it is recommended to further researchers that the results of this study be used as a reference in the implementation of research to be carried out next course with the modification of the independent variables using a variety of media that is more diverse to support the success of a study of subsequent researchers.

Keywords: Problem Based Instruction, mathematics learning outcomes, grade V elementary school