

**PENGARUH MODEL PEMBELAJARAN KOOPERATIF TIPE *TWO STAY TWO STRAY* (TSTS) TERHADAP KEMAMPUAN KONEKSI MATEMATIS SISWA KELAS V SD GUGUS 4 KECAMATAN KUTA TAHUN AJARAN 2024/2025**

Oleh

Ananda Sawitri, NIM 2111031493

Program Studi Pendidikan Guru Sekolah Dasar

Jurusan Pendidikan Dasar

**ABSTRAK**

Penelitian ini bertujuan (1) Mendeskripsikan kemampuan koneksi matematis siswa kelas V SD Gugus 4 Kecamatan Kuta Tahun Ajaran 2024/2025 yang dibelajarkan dengan model pembelajaran kooperatif tipe *two stay two stray* (tsts), (2) Mendeskripsikan kemampuan koneksi matematis siswa kelas V SD Gugus 4 Kecamatan Kuta Tahun Ajaran 2024/2025 yang dibelajarkan secara konvensional, (3) Mengetahui pengaruh yang signifikan dari implementasi model pembelajaran kooperatif tipe *two stay two stray* (tsts) terhadap kemampuan koneksi matematis siswa kelas V SD Gugus 4 Kecamatan Kuta Tahun Ajaran 2024/2025. Penelitian ini merupakan jenis penelitian kuantitatif dengan desain eksperimen semu (*quasi-experimental design*) menggunakan rancangan *non-equivalent control group design*. Penelitian ini dilaksanakan di kelas V SD Gugus 4 Kecamatan Kuta dengan populasi sebanyak 157 orang siswa. Pemilihan sampel dilakukan dengan teknik *cluster random sampling*, dua kelompok yang terpilih akan diuji kesetaraannya dengan uji-t *Polled Varians* berdasarkan data hasil *pre-test* yang telah didapatkan. Diperoleh dua kelompok sampel, yaitu kelas V SD No. 1 Kedonganan sebagai kelompok eksperimen dan kelas V SD No. 5 Tuban sebagai kelompok kontrol. Berdasarkan hasil uji hipotesis, diperoleh  $t_{hitung} = 3,74$ , sedangkan nilai  $t_{tabel}$  dengan taraf signifikansi 5% dan  $dk = 54$  adalah 2,005. Nilai  $t_{hitung} = 3,74 > t_{tabel} = 2,005$ , maka dapat dinyatakan bahwa  $H_0$  ditolak dan  $H_a$  diterima. Dari adanya hal tersebut, kesimpulan yang dapat ditarik adalah terdapat pengaruh yang signifikan kemampuan koneksi matematis antara kelompok yang dibelajarkan menggunakan model pembelajaran kooperatif tipe *two stay two stray* (tsts) dan secara konvensional pada kelas V SD Gugus 4 Kecamatan Kuta Tahun Ajaran 2024/2025.

**Kata Kunci :** *Two Stay Two Stray* (TSTS), Kemampuan Koneksi Matematis, Siswa Kelas V SD

**THE EFFECT OF THE TWO STAY TWO STRAY (TSTS) COOPERATIVE  
LEARNING MODEL ON THE MATHEMATICAL CONNECTION ABILITY  
OF GRADE V STUDENTS OF SD GUGUS 4, KUTA DISTRICT  
IN THE 2024/2025 ACADEMIC YEAR**

**By**

**Ananda Sawitri, NIM 2111031493**

**Primary School Teacher Education Study Program**

**Elementary Education Department**

**ABSTRACT**

*This study aims to (1) Describe the mathematical connection abilities of fifth grade students of SD Gugus 4, Kuta District, 2024/2025 Academic Year who are taught using the two stay two stray (tsts) type cooperative learning model, (2) Describe the mathematical connection abilities of fifth grade students of SD Gugus 4, Kuta District, 2024/2025 Academic Year who are taught conventionally, (3) Determine the significant effect of the implementation of the two stay two stray (tsts) type cooperative learning model on the mathematical connection abilities of fifth grade students of SD Gugus 4, Kuta District, 2024/2025 Academic Year. This study is a type of quantitative research with a quasi-experimental design using a non-equivalent control group design. This study was conducted in fifth grade students of SD Gugus 4, Kuta District with a population of 157 students. The sample selection was carried out using cluster random sampling technique, the two selected groups will be tested for equality with the Polled Variance t-test based on the pre-test data that has been obtained. Two sample groups were obtained, namely class V SD No. 1 Kedonganan as the experimental group and class V SD No. 5 Tuban as the control group. Based on the results of the hypothesis test, it was obtained that  $t_{count} = 3.74$ , while the  $t_{table}$  value with a significance level of 5% and  $dk = 54$  is 2.005. The calculated  $t_{count} = 3.74 > t_{table} = 2.005$ , so it can be stated that  $H_0$  is rejected and  $H_a$  is accepted. From this, the conclusion that can be drawn is that there is a significant influence on mathematical connection abilities between groups that are taught using the cooperative learning model type two stay two stray (tsts) and conventionally in class V SD Gugus 4 Kuta District in the 2024/2025 Academic Year.*

**Keywords :** *Two Stay Two Stray (TSTS), Mathematical Connection Ability, Fifth Grade Elementary School Students*