

**PENGARUH MODEL PEMBELAJARAN TIPE STAD BERBANTUAN  
MEDIA VIDEO TERHADAP KOMPETENSI MATEMATIKA SISWA  
KELAS II GUGUS IV SUKAWATI**

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**ABSTRAK**

Penelitian ini dilatar belakangi oleh rendahnya kompetensi matematika siswa sekolah dasar yang ditunjukkan melalui masih banyaknya siswa yang belum mencapai standar ketuntasan pembelajaran. Selain itu, proses pembelajaran matematika masih cenderung menggunakan model pembelajaran yang kurang bervariasi sehingga siswa mudah merasa bosan dan kurang aktif dalam mengikuti pembelajaran. Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran kooperatif tipe *Student Teams Achievement Division* (STAD) berbantuan media video terhadap kompetensi matematika siswa kelas II sekolah dasar. Penelitian ini merupakan penelitian eksperimen semu (*Quasi Experiment*) dengan desain *Non-Equivalent Control Group Design*. Populasi penelitian sebanyak 246 siswa kelas II SD. Sampel penelitian ditentukan menggunakan teknik *Cluster Random Sampling*. Metode pengumpulan data dilakukan menggunakan tes objektif pilihan ganda untuk mengukur kompetensi matematika siswa. Data hasil penelitian dianalisis menggunakan statistik inferensial dengan uji-t *pooled varians*. Hasil penelitian menunjukkan bahwa rata-rata skor *post-test* kelompok eksperimen sebesar 81,18, sedangkan kelompok kontrol sebesar 69,71. Berdasarkan hasil uji hipotesis diperoleh nilai  $t_{hitung} = 4,68$  dan  $t_{tabel} = 2,00$  pada taraf signifikansi 5% dengan derajat kebebasan ( $dk$ ) = 66 sehingga  $t_{hitung} > t_{tabel}$ . Dengan demikian,  $H_0$  ditolak dan  $H_a$  diterima. Hal tersebut menunjukkan bahwa terdapat pengaruh yang signifikan model pembelajaran kooperatif tipe STAD berbantuan media video terhadap kompetensi matematika siswa kelas II SD.

**Kata Kunci:** *Model STAD, Media Video, Kompetensi Matematika.*

**THE EFFECT OF THE STAD TYPE LEARNING MODEL ASSISTED BY  
VIDEO MEDIA ON THE MATHEMATICAL COMPETENCY OF GRADE II  
STUDENTS IN CLUSTER IV SUKAWATI**

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**ABSTRAK**

*This study was motivated by the low mathematics competence of elementary school students, as indicated by the large number of students who had not yet achieved the minimum learning mastery standard. In addition, the mathematics learning process still tended to use less varied learning models, causing students to become easily bored and less active during the learning process. This study aimed to determine the effect of the Student Teams Achievement Division (STAD) cooperative learning model assisted by video media on the mathematics competence of second-grade elementary school students. This research was a quasi-experimental study using a Non-Equivalent Control Group Design. The population of the study consisted of 246 second-grade elementary school students. The sample was determined using the cluster random sampling technique. Data were collected using multiple-choice objective tests to measure students mathematics competence. The research data were analyzed using inferential statistics with a pooled variance t-test. The results showed that the average post-test score of the experimental group was 81.18, while the control group obtained an average score of 69.71. Based on the hypothesis testing results, the value of  $t_{count} = 4.68$  and  $t_{table} = 2.00$  at a significance level of 5% with a degree of freedom ( $df$ ) = 66, indicating that  $t_{count} > t_{table}$ . Therefore,  $H_0$  was rejected and  $H_a$  was accepted. This finding indicated that there was a significant effect of the STAD cooperative learning model assisted by video media on the mathematics competence of second-grade elementary school students.*

**Keywords:** STAD model, video media, mathematics competenc