

**PENGARUH MODEL PEMBELAJARAN KOOPERATIF TIPE STAD
BERBANTUAN *POWERPOINT* INTERAKTIF TERHADAP PRESTASI
BELAJAR IPAS SISWA KELAS IV SD NEGERI GUGUS SRIKANDI**

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran kooperatif tipe STAD berbantuan *PowerPoint* interaktif terhadap prestasi belajar IPAS siswa kelas IV SD Negeri Gugus Srikandi. Penelitian ini menggunakan pendekatan kuantitatif dengan jenis penelitian eksperimen semu dan desain *Non-equivalent Control Group Design*. Populasi penelitian adalah seluruh peserta didik kelas IV SD Gugus Srikandi yang terdiri atas 10 kelas dari 6 sekolah dasar dengan jumlah 318 peserta didik. Analisis kesetaraan kemampuan awal peserta didik dilakukan menggunakan Analisis Varians Satu Arah (*ANAVA* satu jalur). Penentuan sampel dilakukan dengan teknik *Cluster random sampling*, sehingga diperoleh kelas IV SD Negeri 10 Sumerta sebagai kelompok eksperimen dengan jumlah 29 peserta didik kelas IV SD Negeri 5 Sumerta sebagai kelompok kontrol dengan jumlah 28 peserta didik. Kelompok eksperimen diberikan perlakuan berupa penerapan model pembelajaran kooperatif tipe STAD berbantuan media *PowerPoint* interaktif, sedangkan kelompok kontrol menggunakan pembelajaran konvensional. Pengumpulan data dilakukan menggunakan tes objektif bentuk pilihan ganda. Analisis data menggunakan statistik deskriptif dan statistik inferensial. Berdasarkan uji prasyarat, data berdistribusi normal dan homogen, sehingga pengujian hipotesis dilakukan menggunakan uji-t *pooled varians*. Hasil analisis menunjukkan nilai t_{hitung} sebesar 16,68 lebih besar daripada t_{tabel} sebesar 2,00 pada taraf signifikansi 5% dengan derajat kebebasan 55, maka H_0 ditolak dan H_1 diterima. Dengan demikian, dapat disimpulkan bahwa model pembelajaran kooperatif tipe STAD berbantuan media *PowerPoint* interaktif berpengaruh signifikan terhadap prestasi belajar IPAS peserta didik kelas IV SD Negeri Gugus Srikandi.

Kata Kunci: model pembelajaran kooperatif tipe STAD, Media *PowerPoint* Interaktif, prestasi belajar.

**THE EFFECT OF THE STAD-TYPE COOPERATIVE LEARNING MODEL
ASSISTED BY INTERACTIVE POWERPOINT ON THE SCIENCE AND
SOCIAL STUDIES (IPAS) LEARNING ACHIEVEMENT OF FOURTH-
GRADE STUDENTS IN THE SRIKANDI CLUSTER ELEMENTARY
SCHOOLS**

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ABSTRACT

This study aimed to determine the effect of the Student Teams Achievement Division (STAD) cooperative learning model assisted by interactive PowerPoint media on the Science and Social Studies (IPAS) learning achievement of fourth-grade students in the Srikandi Cluster Elementary Schools. This research employed a quantitative approach with a quasi-experimental research design, specifically the Non-equivalent Control Group Design. The population consisted of all fourth-grade students in the Srikandi Cluster, comprising 10 classes from 6 elementary schools with a total of 318 students. The equivalence of students' initial abilities was analyzed using a One-Way Analysis of Variance (One-Way ANOVA). The samples were selected through a random sampling technique, resulting in Class IV of SD Negeri 10 Sumerta as the experimental group with 29 students and Class IV of SD Negeri 5 Sumerta as the control group with 28 students. The experimental group received instruction through the STAD-type cooperative learning model assisted by interactive PowerPoint media, while the control group was taught using conventional learning methods. Data were collected using an objective multiple-choice test. Data analysis employed both descriptive and inferential statistics. Based on the prerequisite tests, the data were found to be normally distributed and homogeneous; therefore, hypothesis testing was conducted using the pooled variance t-test. The results showed that the calculated t-value ($t_{count} = 16.68$) was greater than the critical t-value ($t_{table} = 2.00$) at a 5% significance level with 55 degrees of freedom. Therefore, H_0 was rejected and H_1 was accepted. It can be concluded that the STAD-type cooperative learning model assisted by interactive PowerPoint media has a significant effect on the Science and Social Studies (IPAS) learning achievement of fourth-grade students in the Srikandi Cluster Elementary Schools.

Keywords: STAD-type cooperative learning model, Interactive PowerPoint Media, learning achievement.