

**PENGARUH MODEL PEMBELAJARAN *STUDENT TEAM ACHIEVMENT*  
*DIVISION* BERBANTUAN MEDIA *MIND MAPPING* TERHADAP  
KOMPETENSI PENGETAHUAN IPA SISWA KELAS V  
SD GUGUS IR. SOEKARNO KECAMATAN  
DENPASAR SELATAN**

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**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui pengaruh yang signifikan model pembelajaran *student team achievement division* berbantuan media *mind mapping* terhadap kompetensi pengetahuan IPA siswa kelas V. Metode penelitian ini menggunakan jenis penelitian *quasi-eksperimental design* atau eksperimen semu dengan rancangan penelitian *non equivalent pretest posttest control group design*. Populasi dalam penelitian ini yaitu seluruh siswa kelas V SD Negeri Gugus Ir. Soekarno Kecamatan Denpasar Selatan Tahun Ajaran 2019/2020 sebanyak 259 siswa. Menggunakan teknik *cluster random sampling* dalam menentukan sampel, sampel yang terpilih terdiri dari kelompok eksperimen yaitu kelas V<sup>C</sup> SD Negeri 5 Pedungan yang diterapkan dengan model pembelajaran *student team achievement division* berbantuan media *mind mapping* dan kelompok kontrol kelas V SD Negeri 10 Pedungan dibelajarkan secara konvensional. Metode tes dengan bentuk tes objektif digunakan sebagai instrument pengumpulan data. Data *pretest* dan *posttest* yang diperoleh dianalisis dengan metode GSn dengan teknik uji t. Setelah dilakukan penelitian menunjukkan adanya perbedaan kompetensi kedua kelompok, terbukti rata-rata *posttest* kelompok eksperimen ( $\bar{X} = 25,18$ ) lebih dari rata-rata kelompok kontrol ( $\bar{X} = 23,31$ ). Berdasarkan analisis uji t diperoleh  $t_{hitung} = 4,377$  dan pada taraf signifikansi 5% dengan  $dk = 34+36-2 = 68$  diperoleh  $t_{tabel} = 1,995$ . Berdasarkan kriteria pengujian  $t_{hitung} = 4,377 > t_{tabel} = 1,995$ , maka  $H_0$  ditolak dan  $H_a$  diterima yang berarti terdapat perbedaan yang signifikan terhadap kompetensi pengetahuan IPA antara kelompok yang dibelajarkan dengan model pembelajaran *student team achievement division* berbantuan media *mind mapping* dengan kelompok yang dibelajarkan konvensional. Jadi dapat disimpulkan bahwa terdapat pengaruh yang signifikan model pembelajaran *student team achievement division* berbantuan media *mind mapping* terhadap kompetensi pengetahuan IPA siswa kelas V SD Gugus Ir. Soekarno Kecamatan Denpasar Selatan Tahun Ajaran 2019/2020.

Kata kunci: *Student Team Achievement Division*, *Mind Mapping*, IPA

**EFFECT OF STUDENT TEAM ACHIEVMENT LEARNING MODEL  
MEDIA MAPPING AIDED AID DIVISION AGAINST  
CLASS VOCATIONAL SCIENCE STUDY COMPETENCY V  
IR CLUSTER SD. SOEKARNO  
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**ABSTRACT**

This study aims to determine the significant effect of student achievement achievable division learning model assisted by media mind mapping on the science competency of fifth grade science students. This research method uses quasi-experimental research design or quasi-experimental research design with non equivalent pretest posttest control group design. The population in this study were all fifth grade students of the State Elementary School Group Ir. Soekarno Selatan Denpasar Subdistrict in the Academic Year 2019/2020 as many as 259 students. Using a cluster random sampling technique in determining samples, the selected sample consisted of an experimental group namely VC SD Negeri 5 Pedungan class which was applied with a learning team achievement division learning model assisted by media mind mapping and control group V SD Negeri 10 Pedungan class V were taught conventionally. The test method with the objective test form is used as a data collection instrument. The pretest and posttest data obtained were analyzed by the GSn method with the t test technique. After conducting the research, there were differences in the competence of the two groups, it was proven that the average posttest of the experimental group ( $\bar{X} = 25.18$ ) was more than the average of the control group ( $\bar{X} = 23.31$ ). Based on the t test analysis obtained  $t_{count} = 4.377$  and at a significance level of 5% with  $dk = 34 + 36 - 2 = 68$  obtained  $t_{table} = 1.995$ . Based on the test criteria  $t_{count} = 4.377 > t_{table} = 1.995$ , then  $H_0$  is rejected and  $H_a$  is accepted, which means there is a significant difference in the science knowledge competence between the groups learned with the student achievement models learning models assisted by mind mapping media and the groups taught conventionally. So it can be concluded that there is a significant effect of the student team achievement learning division model assisted by mind mapping media on the science knowledge competence of fifth grade students in the Elementary School Group Ir. Soekarno Selatan Denpasar District Academic Year 2019/2020.

**Keywords:** *Student Team Achievement Division, Mind Mapping, Knowledge*

*Science*