

**PENGARUH MODEL PEMBELAJARAN  
*CHILDREN'S LEARNING IN SCIENCE*  
BERBANTUAN MEDIA AUDIO VISUAL  
TERHADAP KOMPETENSI PENGETAHUAN IPA  
SISWA KELAS IV SD GUGUS I MENGWI  
TAHUN AJARAN 2019/2020**

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**ABSTRAK**

Tujuan dilaksanakannya penelitian ini ialah untuk mengetahui pengaruh yang signifikan model *Children's Learning In Science* berbantuan media audio visual terhadap kompetensi pengetahuan IPA kelas IV SD Gugus I Mengwi Tahun Ajaran 2019/2020. Jenis penelitian ini yaitu *quasi eksperiment* dengan desain penelitian "*Nonequivalent Control Group Design*". Populasinya ialah seluruh kelas IV SD Gugus I Mengwi sebanyak 6 kelas, 182 siswa. Selanjutnya diambil dua sampel untuk perlakuan melalui *Random Sampling*. Sampel Yang terpilih ialah kelas IV SD No. 1 Pererenan sebagai kelas eksperimen sebanyak 31 orang menerapkan model CLIS berbantuan media audio visual dan kelas IV SD No. 4 Cemagi sebgai kelas kontrol sebanyak 30 orang dengan diterapkannya pembelajaran konvensional. Data dikumpulkan dengan metode tes berupa tes pilihan ganda sebanyak 35 soal. Diperoleh rerata gain skor ternormalisasi kelompok eksperimen  $\bar{X} = 0,796 > \bar{X} = 0,536$  rerata gain skor ternormalisasi kelompok kontrol. Selanjutnya data diuji dengan *t-test polled varian*. Terbukti dari nilai  $t_{hitung} = 3,561 > t_{tabel} = 2,001$  pada dk  $(31+30-2) = 59$  dan taraf signifikansi 5% yang artinya  $H_0$  ditolak dan  $H_a$  diterima, yang berarti terdapat perbedaan yang signifikan terhadap kompetensi pengetahuan IPA antara kelompok yang dibelajarkan dengan model pembelajaran *children's learning in science* berbantuan media audio visual dengan kelompok yang dibelajarkan konvensional. Jadi dapat disimpulkan bahwa terdapat pengaruh yang signifikan model pembelajaran *children's learning in science* berbantuan media audio visual terhadap kompetensi pengetahuan IPA siswa kelas IV SD Gugus I Mengwi Tahun Ajaran 2019/2020.

**Kata kunci :** *Children's Learning in Science*, media audio visual, Kompetensi Pengetahuan IPA

## Abstract

The aims of this research were to find out the significant influence of the Children's Learning In Science model assisted by audio visual media on the science knowledge competency at IV Grade SD Gugus I Mengwi Academic Year 2019/2020. This type of research was quasi-experimental, with the research design "Nonequivalent Control Group Design". The population was the entire fourth grade SD Gugus I Mengwi as many as 6 classes, 182 students. Then two samples were taken for treatment through Random Sampling. Two selected sample was IV grade SD No. 1 Pererenan as an experimental class as many as 31 people apply CLIS model assisted by audio visual media and IV grade SD No. 4 Cemagi as a control class of 30 people . Data were collected through test method in the form of multiple choice tests as many 35 questions. The gain skor obtained average from the experimental group normalized  $\bar{X} = 0,796 > \bar{X} = 0,536$  average gain score normalized by the control group. Furthermore, the data were tested through a t-test pooled variant. Proven by the value of  $t_{hitung} = 3,561 > t_{tabel} = 2,001$  at dk  $(31+30-2)=59$  and 5% significant level which means that  $H_0$  is rejected and  $H_a$  is accepted, then there is a significant difference between the two sample groups. In conclusion, the application of CLIS model assisted by audio-visual media has an influence on the science knowledge competency at IV Grade SD Gugus I Mengwi Academic Year 2019/2020.

Keywords : Children's Learning In Science, audio visual media, Science Knowledge Competency.

