

**PENGARUH MODEL PROBLEM BASED INSTRUCTION  
BERBANTUAN MEDIA AUDIO VISUAL TERHADAP  
KOMPETENSI PENGETAHUAN IPA SISWA  
KELAS IV SD NEGERI GUGUS VIII  
KECAMATAN GIANYAR TAHUN  
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**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui pengaruh yang signifikan model *Problem Based Instruction Berbantuan Media Audio Visual* terhadap kompetensi pengetahuan IPA siswa kelas IV SDN Gugus VIII Kecamatan Gianyar Tahun Ajaran 2019/2020. Penelitian ini merupakan penelitian eksperimen semu dengan desain *Nonequivalent control group design*. Populasi dalam penelitian ini adalah kelas IV SDN Gugus VIII Kecamatan Gianyar dengan jumlah siswa 181 orang. Untuk menentukan sampel digunakan teknik *cluster random sampling*. Sampel dalam penelitian adalah kelas IV SD No. 1 Sumita sebagai kelas eksperimen dan kelas IV SD No. 1 Suwat sebagai kelas kontrol. Pengumpulan data kompetensi pengetahuan IPA dilakukan dengan instrumen yaitu tes objektif bentuk pilihan ganda biasa. Data dianalisis menggunakan analisis statistik uji-t. Hasil analisis uji-t menunjukkan bahwa  $t_{hitung} = 17,204 > t_{tabel} = 2,000$ , maka  $H_0$  ditolak. Hasil penelitian menunjukkan bahwa terdapat pengaruh yang signifikan model *Problem Based Instruction* berbantuan media audio visual terhadap kompetensi pengetahuan IPA kelas IV SD N Gugus VIII Kecamatan Gianyar Tahun Ajaran 2019/2020.

Kata kunci: *Problem Based Instruction*, audio visual, kompetensi pengetahuan

**THE EFFECT OF PROBLEM BASED INSTRUCTION  
MODEL ASSISTED AUDIO VISUAL MEDIA ON  
SCIENCE KNOWLEDGE COMPETENCE IN  
THE 4TH GRADE OF THE ELEMENTARY  
SCHOOL IN CLUSTER VIII OF  
GIANYAR DISTRICT IN  
YEAR 2019/2020**

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**ABSTRACT**

*This research aims to determine the significant effect of Problem Based Instruction model assisted audio visual media on science knowledge competence in the 4th grade of the elementary school in Cluster VIII of Gianyar District in year 2019/2020. The population of this research is the students of Grade 4th Elementary School in Cluster Cluster VIII of Gianyar District which amounted to 181 people. The type of the research was quasi experiment, with Non Equivalent Control Group Design. Determination of the sample in this research using cluster random sampling technique. The data of science knowledge competence was collected by the learning result test. The average gain score normalized of the experimental group was 0,649 and the average gain score normalized of the control group was 0,186. T-test analysis result  $t_{count} = 17,204$  and the price of  $t_{table} = 2,000$ ,  $H_0$  was rejected. The results showed that there is the significant effect of model of Problem Based Instruction on science knowledge competence in the 4th grade of the elementary school in Cluster VIII of Gianyar District in year 2019/2020.*

*Keywords: Problem Based Instruction, Audio Visual, Science Knowledge*