

**PENGARUH *CONTEXTUAL TEACHING AND LEARNING*
BERBANTUAN MEDIA LINGKUNGAN SEKOLAH
TERHADAP KOMPETENSI PENGETAHUAN IPA KELAS IV SD GUGUS LETKOL
GUSTI NGURAH RAI DENPASAR UTARA**

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ABSTRAK

Permasalahan umum yang melatarbelakangi penelitian ini adalah rendahnya kompetensi pengetahuan IPA siswa kelas IV SD. Penelitian ini dilakukan dengan tujuan untuk mengetahui pengaruh yang signifikan pendekatan *contextual teaching and learning* berbantuan media lingkungan sekolah terhadap kompetensi pengetahuan IPA siswa kelas IV SD. Penelitian ini tergolong eksperimen semu dengan menggunakan rancangan *non equivalent control group design*. Populasinya ialah seluruh siswa kelas IV dengan jumlah 482 siswa. Pengambilan sampel yaitu menggunakan Teknik cluster *random sampling*. Kelompok sampel yang terpilih adalah kelas IVB sebanyak 33 siswa sebagai kelompok eksperimen dan kelas IVB sebanyak 31 siswa sebagai kelompok kontrol. Alat pengumpulan data digunakan berupa tes kompetensi pengetahuan IPA. Data *posttest*. kompetensi pengetahuan IPA dianalisis menggunakan uji-t dengan rumus *polled varians*. Rata-rata nilai *posttest* kelompok eksperimen sebesar 82,42 dan rata-rata nilai *posttest* kelompok kontrol sebesar 74,90. Berdasarkan hasil analisis uji-t diperoleh $t_{hitung} = 3,831$ dan pada taraf signifikansi 5% dan $dk = 62$ diperoleh $t_{tabel} = 2,000$. Karena $t_{hitung} > t_{tabel}$ maka H_0 ditolak. Dapat disimpulkan bahwa pendekatan *contextual teaching and learning* berbantuan media lingkungan sekolah berpengaruh secara signifikan terhadap kompetensi pengetahuan IPA kelas IV SD yang disebabkan karena pembelajaran dengan menggunakan *contextual teaching and learning* berbantuan media lingkungan sekolah memiliki timbal balik yang positif terhadap kompetensi pengetahuan IPA siswa SD melalui tahapan-tahapan dalam proses pembelajaran yang melatih siswa untuk menemukan pengetahuan sendiri dalam proses belajar dan akan mempermudah pemahaman siswa.

Kata Kunci : contextual teaching and learning, media lingkungan sekolah, kompetensi pengetahuan IPA.

***Contextual Teaching and Learning Assisted with schools'Environment Media improve student's science knowledge Competence 4th grade elementary school
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ABSTRACT

The general problem behind this research is the low science competency knowledge. This research was conducted with the intent to knowing the significance effect of the contextual teaching and learning approach with schools' environment media toward students' science competency in class IV SD. This research was quasi-experimental research with non-equivalent control group design. The population in this study was students in fourth grade of primary schools with the total was 482 students. Random sampling technique was used for taking the sample in this research. The data were obtained through science competency test. Post-test data of students' science competency were calculated through t-test with pooled variants formula. The mean score from experiment group's post-test was 82.42 and the mean score of control group was 74.90. Based on the result of analysis, t-test was $t_{test} = 3.831$ and the significance was 5% and $dk = 62$ was got $t_{table} = 2.000$. Because $t_{test} > t_{table}$ therefore H_0 was refused. It can be conclude that the contextual teaching and learning approach assisted by the school environment significantly influences the competency of students science knowledge through the stages in the learning process that trains students to find their own knowledge in the learning process will facilitate student understanding.

Keywords : *Contextual Teaching and Learning, school environment, science knowledge competence.*

