

**PENGARUH PENGGUNAAN METODE EKSPERIMEN TERHADAP SIKAP
ILMIAH DALAM PEMBELAJARAN IPA SISWA KELAS V SD DI
KECAMATAN PULOGADUNG, JAKARTA TIMUR**

(2016)

ANI APRILIANA

ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengaruh penggunaan metode eksperimen terhadap sikap ilmiah dalam pembelajaran IPA siswa kelas V SD di Kecamatan Pulogadung, Jakarta Timur. Penelitian dilaksanakan di SDN Jati 05, Kecamatan Pulogadung Jakarta Timur. Sampel dalam penelitian ini adalah siswa kelas V SDN Jati 05 Pagi, Kecamatan Pulogadung Jakarta Timur. Pengambilan sampel menggunakan teknik *cluster random sampling*. Metode penelitian yang digunakan adalah metode eksperimen dengan desain *Pretest-Posttest Control Group Design*. Penelitian ini menggunakan instrumen angket mengenai sikap ilmiah dengan skala Likert. Instrumen tersebut kemudian diuji normalitas dan homogenitas sebagai uji persyaratan data. Selanjutnya dilakukan analisis hipotesis menggunakan uji-t. Berdasarkan hasil perhitungan, diperoleh $t_{hitung} = 2,96$ dengan $dk = 46$, sedangkan harga t_{tabel} pada taraf signifikansi (α) = 0,05 dengan $dk = 46$ adalah sebesar 2,015. Berdasarkan hasil perhitungan tersebut diperoleh bahwa t_{hitung} lebih besar daripada t_{tabel} ($2,96 > 2,015$), maka artinya hipotesis nol (H_0) ditolak dan hipotesis kerja (H_1) diterima. Hal ini dapat dinyatakan bahwa terdapat pengaruh positif yang signifikan pada penggunaan metode eksperimen terhadap sikap ilmiah dalam pembelajaran IPA siswa kelas V SD. Oleh sebab itu, guru perlu mengetahui kemampuan dan kebutuhan siswa sehingga dapat merancang kegiatan yang bervariasi dalam pembelajaran IPA untuk dapat menumbuhkan serta mengembangkan sikap ilmiah dalam diri siswa kelas V SD.

Kata kunci: Metode Eksperimen, Sikap Ilmiah dalam Pembelajaran IPA Siswa Kelas V SD

**EFFECT OF THE USE EXPERIMENTAL METHOD TO THE SCIENTIFIC
ATTITUDE IN SCIENCE LEARNING OF GRADE 5 STUDENT'S
PULOGADUNG, EAST OF JAKARTA PRIMARY SCHOOL**

(2016)

ANI APRILIANA

ABSTRACT

This research was aimed to determine the effect of the use experimental method to the scientific attitude in science learning of grade 5 student's Pulogadung, East of Jakarta Primary School. The research was conducted in Jati 05 Pagi Pulogadung, East of Jakarta Public Primary School. The sample of this research was 48 students in Jati 05 Pagi Pulogadung, East of Jakarta Public Primary School. The technique of getting the sample was cluster random sampling. The method used was the experimental method with pretest-posttest control group design. The instrument of this research was questionnaires about scientific attitude with Likert scale. The instrument was then tested for normality and homogeneity as a data testing requirements. Further analyzed using t-test hypotheses. The result was obtained $t = 2.96$ with $df = 46$, while the price of t_{table} at significance level (α) = 0.05 with $df = 46$ is equal to 2.015. The results showed that t_{hitung} greater than t_{table} ($2,96 > 2.015$), it means that the null hypothesis (H_0) was rejected and the working hypothesis (H_1) was accepted. It can be stated that there was a significant influence on the use of experimental methods to the scientific attitude in science learning grade 5 student's Primary School. Therefore, teachers need to know the capabilities and needs of students so that they can design the varied activities in science learning in order to grow and develop the scientific attitude of grade 5 student's primary school.

Keywords: The Experimental Method, the scientific attitude in science learning of grade 5 student's primary school.