

**PENGARUH MODEL PEMBELAJARAN KOOPERATIF TIPE
INVESTIGASI KELOMPOK TERHADAP PEMAHAMAN MATEMATIS
SISWA KELAS V SD KELURAHAN CIRIUNG KABUPATEN BOGOR
(2016)**

Runiyanti

ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran kooperatif tipe investigasi kelompok terhadap pemahaman matematis siswa kelas V SD. Penelitian dilaksanakan di SD Negeri Ciriung 04, Kelurahan Ciriung, Kecamatan Cibinong, Kabupaten Bogor. Sampel dalam penelitian ini adalah siswa kelas V SDN Ciriung 04 sebanyak 77 orang pada semester 2 tahun pelajaran 2015/2016. Sampel diambil dengan menggunakan teknik *simple random sampling*. Metode yang digunakan adalah metode eksperimen, dengan desain *pretest posttest control group design*. Pengumpulan data dilakukan dengan menggunakan tes uraian pemahaman matematis. Selanjutnya dihitung normalitas data menggunakan Liliefors dan Homogenitas kelas menggunakan Bartlett. Hasil pengujian normalitas dan homogenitas menunjukkan bahwa data berdistribusi normal dan kedua kelas homogen, kemudian dianalisis dengan uji-t. Hasil penghitungan uji-t diperoleh harga t_{hitung} sebesar 4,02. Harga t_{tabel} pada taraf signifikansi $\alpha=0,05$ dan $dk=75$ adalah 1,66. Oleh karena harga t_{hitung} lebih besar dari pada t_{tabel} ($4,02 > 1,66$), maka hipotesis nol ditolak dan hipotesis kerja diterima. Hasil penelitian menunjukkan bahwa model pembelajaran kooperatif tipe investigasi kelompok berpengaruh secara signifikan terhadap pemahaman matematis siswa kelas V sekolah dasar.

Kata kunci: Model pembelajaran kooperatif tipe investigasi kelompok, pemahaman matematis

**THE EFFECT OF COOPERATIVE LEARNING MODEL TYPE GROUP
INVESTIGATION OF THE MATHEMATICAL UNDERSTANDING OF 5TH
GRADE STUDENT'S PRIMARY SCHOOL ON CIRIUNG VILLAGE OF
BOGOR
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Runiyanti

ABSTRACT

The research was aimed to determine the effect of cooperative learning model type group investigation of the mathematical understanding of 5th grade student. The research was conducted in Ciriung 04, Ciriung Village, Cibinong Subdistrict, Bogor Public Primary School. The sample of this research was 77 students of 5th grade in Ciriung 04, Ciriung Village of Bogor public primary school in the 2nd half of the school year 2015/2016. The technique of getting the sample was simple random sampling. The method used was the experimental method with pretest-posttest control group design. Data were collected through essay test mathematical understanding. The instrument then tested for normality test with Liliefors's test and homogeneity with Bartlett's test as a data testing data requirements. Normality and homogeneity testing result show that the data are normally distributed and homogeneous both classes then analyzed by t-test. T-test calculation result obtained t_{count} price of 4.02. Price t_{table} at significance level $\alpha=0.05$ and $dk=75$ is 1.66. Therefore the price of t_{count} greater than t_{table} ($4.02 > 1.66$), the null hypothesis is rejected and the hypothesis is accepted. The result of research show that cooperative learning model type group investigation significantly affect of mathematical understanding of 5th grade students primary school.

Keywords: cooperative learning model type group investigation, mathematical understanding.