ABSTRAK

Penelitian ini bertujuan untuk mengetahui perbedaan hasil belajar dan efektivitas pembelajaran pada siswa kelas IV SDN Tambakroto, dengan memberikan perlakuan menggunakan model pembelajaran *Numbered Heads Together* (NHT) dengan bantuan video dan model pembelajaran konvensional. Jenis penelitian ini adalah *quasi experimental*. Data penelitian dikumpulkan melalui tes, observasi dan dokumentasi. Jenis penelitian ini dilaksanakan dengan menggunakan *pre test-post test, nonequivalent control group design*. Eksperimen dilakukan dengan kelompok sampel yang terdiri dari kelas eksperimen dan kelas kontrol. Kelas eksperimen menggunakan perlakuan dengan model pembelajaran Kooperatif *Numbered Heads Together* (NHT) berbantuan video (kelas IVA sebanyak 30 siswa). Sedangkan pada kelas kontrol menggunakan model pembelajaran konvensional (kelas IVB sebanyak 30 siswa). Penelitian ini dilakukan dua kali pertemuan di kelas eksperimen dan dua kali pertemuan di kelas kontrol pada tanggal 21 Maret dan 24 Maret 2016. Hasil penelitian ini menunjukkan perbedaan rata-rata IPA, pada kelas eksperimen memperoleh 87,33, sedangkan pada kelas kontrol memperoleh rata-rata 77,67. Berdasarkan hasil rata-rata tersebut dilakukan uji gain ternormalisasi yang menunjukkan adanya peningkatan hasil belajar pada kelas eksperimen sebesar 0,70, sedangkan pada kelas kontrol sebesar 0,45. Perolehan tersebut terlihat adanya perbedaan peningkatan hasil belajar yang signifikan antara kelas eksperimen dan kelas kontrol. Selain itu juga terbukti dengan hasil analisis *independent sample t test* yaitu diperoleh $t_{hitung} = 4,041 > t_{tabel} = 2,002$. Hasil ini menunjukkan adanya perbedaan antara hasil belajar kelas eksperimen dengan kelas kontrol pada taraf signifikansi 95% atau Ho ditolak dan Ha diterima. Berdasarkan penelitian ini, dapat dibuktikan bahwa pembelajaran IPA dengan menggunakan model Kooperatif tipe *Numbered Heads Together* (NHT) berbantuan video lebih efektif bila dibandingkan dengan pembelajaran model konvensional pada siswa kelas IV SDN Tambakroto.

Kata kunci : Hasil Belajar IPA, Pembelajaran Kooperatif, *Numbered Heads Together* (NHT).

ABSTRACT

This research has purpose for knowing average difference of result study and effectiveness of learning in student grade IV of SDN Tambakroto, by giving treatment using of Cooperative Learning type Numbered Heads Together (NHT) with video assisted and using conventional learning models. This research is a quasi experimental. The research data were collected through test, observation and documentation. This type of research carried out by using a pre test-post test, nonequivalent control group design. The experiment was conducted with a sample group consisting of experiment class and control class. The experiment class used a treatment with Cooperative Learning type Numbered Heads Together (NHT) to assist video (IVA class as many as 30 student). Whereas at control class use conventional learning. (IVB class as many as 30 student). This research was conduced two meeting times in the experiment class and two meeting in the control class on March 21 and March 24 of 2016. This result of this study showed an average different of learning sciences (IPA), the experiment class is 87,33, while the control class obtained average score 77,67. Be based on the result of this average gain ternormalized test that showed an increase learning outcomes in the experiment class as big as 0,70, while the control class gets as big as 0,45. The result showed that there were a significant difference of learning achievement berween the experiment class and the control class. It is also proved by the result of the analysis of independent sample t test which obtained $t_{value} = 4,041 > t_{table} = 2,002$. This result showed that the differences between result learning of experiment class and control class was in the level of significance degree 95% or Ho rejected and Ha accepted. Be Based on this research, it can be proven that learning science (IPA) by using Cooperative Learning type Numbered Heads Together (NHT) video assisted more effectively when if compared to conventional models of learning in grade IV of SDN Tambakroto.

The Keyword: *Sciences Learning Result, Cooperative Learning, Numbered Heads Together (NHT).*