

**PERBANDINGAN HASIL BELAJAR BIOLOGI SISWA MENGGUNAKAN MODEL
PEMBELAJARAN KOOPERATIF TIPE *TEAMS GAMES TOURNAMENT* (TGT)
DENGAN TIPE *NUMBERED HEAD TOGETHER* (NHT) PADA MATERI
POKOK EKOSISTEM DI KELAS X SMA NEGERI 1 GIRSANG
SIPANGAN BOLON TAHUN PEMBELAJARAN 2012/2013**

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui perbandingan hasil belajar Biologi siswa menggunakan model pembelajaran kooperatif tipe *Teams Games Tournament* (TGT) dengan tipe *Numbered Head Together* (NHT) pada materi pokok Ekosistem di kelas X SMA Negeri 1 Girsang Sipangan Bolon Tahun Pembelajaran 2012/2013.

Jenis penelitian ini adalah penelitian eksperimen. Populasi pada penelitian ini adalah seluruh siswa kelas X SMA Negeri 1 Girsang Sipangan Bolon yang terdiri dari 7 kelas dengan jumlah siswa 275 orang. Teknik pengambilan sampel dilakukan dengan teknik *purposive sample*, sebanyak dua kelas. Kelas X₇ berjumlah 40 orang diajarkan dengan menggunakan model pembelajaran kooperatif tipe *Teams Games Tournament* dan kelas X₃ berjumlah 40 orang diajarkan dengan menggunakan model pembelajaran kooperatif tipe *Numbered Head Together*. Teknik pengumpulan data dalam penelitian ini berupa instrument tes yang terdiri dari 30 soal berbentuk pilihan berganda, yang diberikan sebelum dan sesudah proses pembelajaran.

Hasil penelitian menunjukkan bahwa rata-rata nilai postes untuk kelas TGT adalah 74,418 sedangkan rata-rata nilai postes untuk kelas NHT adalah 79,163. Setelah dilakukan pengujian hipotesis diperoleh $t_{hitung} = -2,022$ dengan harga t_{tabel} pada $dk = (n_1 + n_2) - 2 = 78$ dan taraf signifikan $\alpha = 0,05$ adalah 1,991. Diperoleh $t_{hitung} = -2,022$ tidak berada diantara -1,991 dan 1,991. Maka H_0 ditolak dan H_a diterima. Dengan demikian, dapat disimpulkan bahwa ada perbedaan rata-rata hasil belajar Biologi siswa pada model pembelajaran kooperatif tipe *Teams Games Tournament* (TGT) dengan tipe *Numbered Head Together* (NHT) pada materi pokok Ekosistem SMA Negeri 1 Girsang Sipangan Bolon Tahun Pembelajaran 2012/2013.

**THE COMPARISON OF STUDENTS SCORE LEARNING BIOLOGY BY
USING COOPERATIVE LEARNING MODEL WITH *TEAMS GAMES
TOURNAMENT* (TGT) TYPE AND *NUMBERED HEAD TOGETHER*
(NHT) TYPE IN ECOSYSTEM MATERIAL IN GRADE X
SMA NEGERI 1 GIRSANG SIPANGAN BOLON
AT ACADEMIC YEAR 2012/2013**

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ABSTRACT

The purpose of this research is to know the comparison of students score learning biology by using cooperative learning model with Teams Games Tournament (TGT) type and Numbered Head Together (NHT) type in ecosystem main material in grade X SMA Negeri 1 Girsang Sipangan Bolon at academic year 2012/2013.

This research is design as an experimental research. The population of this research were all students in grade X SMA Negeri 1 Girsang Sipangan Bolon which consist of 7 classes and consist of 275 students. The sample was taken by using purposive sample tehniqe, which were 2 classes. Class X_7 with 40 students which was taught by using cooperative learning model with *Teams Games Tournament* (TGT) type. While class X_3 , a model with lso with 40 students was taught by using cooperative learning model with *Numbered Head Together* (NHT) type. The instrument for collecting data in this research was test instrument with consist of 30 questions in multiple choice test, that were given before and after learning process.

The result of this research showed the average of post test score in TGT class was 74,418 while the average of post test in NHT class was 79,163. After testing hypothesis was done, get $t_{count} = -2,022$ with t_{table} value in $dk = (n_1 + n_2) - 2 = 78$ and $\alpha = 0,05$ was 1,991. Because of $t_{count} = -2,022$ was not between -1,991 and 1,991, so H_0 is rejected or H_a is accept. So it can be concluded that there was the difference between learning result average in students Biology by using cooperative learning model with *Teams Games Tournament* (TGT) type and *Numbered Head Together* (NHT) type in ecosystem main material in grade X SMA Negeri 1 Girsang Sipangan Bolon at academic year 2012/2013.