

**PERBEDAAN HASIL BELAJAR SISWA YANG DIAJAR DENGAN MODEL PEMBELAJARAN KOOPERATIF TIPE *NUMBERED HEADS TOGETHER* DAN TIPE *COOPERATIF INTEGRATED READING AND COMPOSITION* PADA MATERI VIRUS DI KELAS X SMA N 1 SEI BAMBAN KAB. SERDANG BEDAGAI T.P 2016/2017**

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**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui perbedaan hasil belajar siswa yang diajar dengan model pembelajaran kooperatif tipe *Numbered Heads Together* dan tipe *Cooperative Integrated Reading and Composition* pada materi virus di kelas X SMA Negeri 1 Sei Bamban Kab. Serdang Bedagai T.P.2016/2017. Populasi dalam penelitian adalah seluruh siswa kelas X SMA Negeri 1 Sei Bamban Kab. Serdang Bedagai sedangkan sampel yang diambil sebanyak dua kelas yaitu kelas  $X_2$  dan kelas  $X_3$  yang diambil dengan teknik purposif sampling karena terdapat kelas unggulan, dimana kelas  $X_2$  diajar menggunakan *Numbered Heads Together* sedangkan kelas  $X_3$  diajar menggunakan *Cooperative Integrated Reading and Composition*. Jenis penelitian ini adalah penelitian eksperimen. Instrumen yang digunakan pada penelitian adalah tes objektif 25 soal dari 50 soal yang telah diuji validitasnya. Data penelitian yaitu dalam bentuk data kuantitatif (hasil belajar). Untuk data hasil belajar mengikuti syarat uji parametrik dengan uji normalitas dan homogenitas. Dengan data yang sudah telah berdistribusi normal dan homogen maka dilakukan uji statistik dengan uji t pada taraf signifikan  $\alpha = 0,05$ . Rata-rata hasil belajar kelas *Numbered Heads Together* adalah 78,67 dengan standart deviasi sebesar 7,53 sedangkan kelas *Cooperative Integrated Reading and Composition* adalah 71,56 dengan standart deviasi sebesar 7,08. Sehingga terdapat perbedaan dari kedua model pembelajaran tersebut sebesar 7,11. Dari hasil uji  $t_{(t < -t \frac{1}{2} \alpha \text{ dan } t > t \frac{1}{2} \alpha)}$  diperoleh  $t_{hit} > t_{tab}$  ( $4,12 < 1,997$ ), yang berarti  $H_0$  ditolak sekaligus menerima  $H_a$  yang berarti ada perbedaan hasil belajar siswa yang diajar dengan model pembelajaran kooperatif tipe *Numbered Heads Together* dan tipe *Cooperative Integrated Reading and Composition* pada materi virus di kelas X SMA Negeri 1 Sei Bamban Kab. Serdang Bedagai tahun pembelajaran 2016/2017.

Kata kunci : *Numbered Heads Together, Cooperative Integrated Reading and Composition, hasil belajar*

**DIFFERENCES OF STUDENT OUTCOMES WHO ARE TAUGHT BY COOPERATIVE MODEL OF NUMBERED HEADS TOGETHER AND COOPERATIVE INTEGRATED READING AND COMPOSITION ON SUBJECT MATTER OF VIRUS IN CLASS X SMA NEGERI 1 SEI BAMBAN KAB. SERDANG BEDAGAI A.Y.2016/2017**

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**ABSTRACT**

This study aims to determine difference of student outcomes who are taught by cooperative model of Numbered Heads Together and Cooperative Integrated Reading and Composition on subject matter of virus in class X SMA Negeri 1 Sei Bamban Kab. Serdang Bedagai A.Y.2016/2017. Population in the study were all class X SMA Negeri 1 Sei Bamban Kab. Serdang Bedagai while the sample is taken by two classes, that is class  $X_2$  and class  $X_3$  taken at purpose sampling in which the  $X_2$  class taught by Numbered Heads Together while  $X_3$  class taught by Cooperative Integrated Reading and Composition. This type of research is a experimental study. Instruments used in the study were objective test 25 questions of 50 questions that have tested its validity. There one of research data in the form of quantitative data (learning achievement). For learning achievement data beginning with the test for normality and homogeneity. With the data that has been normally distributed and homogeneous then performed statistical tests with the t test at significant level  $\alpha = 0.05$ . The average learning achievement of Numbered Heads Together class is 78.67 with deviation standard 7.53, while Cooperative Integrated Reading and Composition class is 71.56 with deviation standard 7.08, so there was difference about 7.11. From the results of t test obtained diperoleh  $t_{count} > t_{tab}$  ( $4.12 < 1.997$ ) which means that  $H_0$  is rejected at the same time receive  $H_a$  which means there are difference of student learning outcomes are being taught by cooperative model of Numbered Heads Together and Cooperative Integrated Reading and Composition on subject matter of virus in class X SMA Negeri 1 Sei Bamban Kab. Serdang Bedagai A.Y.2016/2017.

*Key words : Numbered Heads Together, Cooperative Integrated Reading and Composition, learning achievement*