

ABSTRAK

Zunaidy Abdullah Siregar: Pengaruh Model Pembelajaran Example Non Example dan Numbered Head Together Terhadap Hasil Belajar Biologi Dan Karakter Siswa Pada Pokok Bahasan Sistem Penapasan Dikelas Xi Sma Negeri I Sibuhuan Kabupaten Padang Lawas

Penelitian bertujuan untuk mengetahui; (1) pengaruh model pembelajaran Example Non Example, dan model pembelajaran, dan pembelajaran konvensional terhadap hasil belajar biologi siswa pada materi Sistem Pernapasan; (2) pengaruh strategi Example Non Example, strategi pembelajaran Numbered Head Together, dan pembelajaran konvensional terhadap karakter siswa pada materi Sistem Pernapasan di kelas XI SMA Negeri 1 Sibuhuan Kabupaten Padang Lawas. Metode penelitian menggunakan metode quasi eksperimen dengan sampel penelitian sebanyak 3 kelas yang ditentukan secara acak dengan teknik *cluster random sampling* yaitu 2 kelas eksperimen yang dibelajarkan dengan model pembelajaran kooperatif tipe Example Non Example (Eksperimen A), dan yang dibelajarkan dengan model pembelajaran kooperatif tipe Numbered Head Together (Eksperimen B), sedangkan 1 kelas sebagai kontrol yang dibelajarkan dengan strategi pembelajaran konvensional. Instrumen penelitian menggunakan tes hasil belajar sebanyak 30 soal dalam bentuk pilihan berganda; tes karakter disiplin siswa sebanyak 20 soal. Soal telah diuji validitas, reliabilitas, daya beda, dan tingkat kesukaran dengan menggunakan rumus *product moment*. Hasil penelitian menunjukkan: (1) Ada pengaruh yang signifikan antara penggunaan model pembelajaran kooperatif tipe Example Non Example dan model pembelajaran kooperatif tipe Numbered Head Together dan strategi pembelajaran

konvensional terhadap hasil belajar biologi pada Sistem Pernapasan di kelas XI SMA Negeri 1 Sibuhuan Kabupaten Padang Lawas. Hasil belajar biologi siswa yang dibelajarkan dengan model pembelajaran kooperatif tipe Numbered Head Together 87.60 ± 3.30 secara signifikan lebih tinggi dibandingkan hasil belajar biologi siswa yang dibelajarkan dengan model pembelajaran kooperatif tipe Example Non Example 81.9 ± 2.52 maupun siswa yang dibelajarkan dengan strategi konvensional 77.6 ± 2.96 ; (2) Ada pengaruh yang signifikan antara penggunaan model pembelajaran kooperatif tipe Example Non Example, model pembelajaran kooperatif tipe Numbered Head Together dan strategi pembelajaran konvensional terhadap Karakter Siswa Pada materi Sistem Pernapasan di kelas XI SMA Negeri 1 Sibuhuan Kabupaten Padang Lawas. Karakter Disiplin Siswa yang dibelajarkan dengan model pembelajaran kooperatif tipe Numbered Head Together 86.51 ± 2.59 secara signifikan lebih tinggi dibandingkan kemampuan Karakter disiplin siswa yang dibelajarkan dengan model pembelajaran kooperatif tipe Example Non Example. 83.91 ± 1.24 maupun siswa yang dibelajarkan dengan strategi konvensional 77.6 ± 2.07 .

ABSTRACT

Zunaidy Abdullah Siregar: Effect of Non Example Example Learning Model and Numbered Head Together Against Learning Outcomes Students In Biology And Character Highlights respiratory system class I Sibuhuan Xi Sma Negeri Padang Lawas study aims to determine; (1) the effect of non-Example Example learning models, and models of learning and conventional learning on learning outcomes of students in the biological material Respiratory System; (2) the effect of non-Example Example strategy, learning strategy Numbered Head Together, and conventional learning to the students on the material character of Respiratory System in class XI SMA Negeri 1 Sibuhuan Padang Lawas.

Method using quasi-experimental study with samples are 3 classes determined randomly by cluster random sampling technique that is 2 classes that learned experiment with cooperative learning model Non Example Example (Experiment A), and that learned with cooperative learning model Numbered Head Together (Experiment B), while 1 as a control class that learned with conventional learning strategy. Research instruments using test results to learn as much as 30 in the form of multiple-choice questions; test as many as 20 characters student discipline matter. Problem has been tested for validity, the reliability, the power difference, and the level of difficulty by using product moment formula.

The results showed: (1) There is a significant relationship between the use of cooperative learning model Non Example Example and cooperative learning model Numbered Head Together and conventional learning strategy on learning outcomes of biology at the Respiratory System in class XI SMA Negeri 1 Sibuhuan Padang Lawas. Biology learning outcomes of students who learned with

cooperative learning model Numbered Head Together 87.60 ± 3.30 significantly higher than the results of studying biology students learned with cooperative learning model Non Example Example 81.9 ± 2.52 and students who learned with the conventional strategy of 77.6 ± 2.96 ; (2) There is a significant relationship between the use of cooperative learning model Non Example Example, cooperative learning model Numbered Head Together and conventional learning strategy for Students Character In Respiratory System material in class XI SMA Negeri 1 Sibuhuan Padang Lawas. Character Discipline Students who learned with cooperative learning model Numbered Head Together 86.51 ± 2.59 significantly higher than the ability of the student disciplinary character who learned with cooperative learning model Example Non Eample. 83.91 ± 1.24 and students who learned with the conventional strategy of 77.6 ± 2.07 .

