

**PERBEDAAN HASIL BELAJAR SISWA MENGGUNAKAN MAKE A  
MATCH DAN COOPERATIVE INTEGRATED READING AND  
COMPOSITION (CIRC) PADA SUB MATERI SISTEM  
EKSKRESI DI KELAS XI MIA SMA NEGERI 10  
MEDAN T.P 2017/2018**

**MAYA ANDINI (NIM 4143141036)**

**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui perbedaan hasil belajar siswa yang diajar menggunakan model pembelajaran *Make a Match* dan *Cooperative Integrated Reading and Composition* (CIRC) pada sub materi sistem ekskresi di kelas XI MIA SMA Negeri 10 Medan tahun pembelajaran 2017/2018. Jenis penelitian ini merupakan *Quasi experiment* (eksperimen semu). Sampel penelitian di ambil secara *random sampling* (sampel acak) sebanyak 71 siswa, yaitu kelas XI MIA<sub>2</sub> yang berjumlah 35 orang sebagai kelas *Make a Match* dan kelas XI MIA<sub>4</sub> yang berjumlah 36 orang sebagai kelas *Cooperative Integrated Reading and Composition* (CIRC). Instrumen yang digunakan untuk mengumpulkan data adalah tes hasil belajar siswa berbentuk pilihan berganda yang terdiri dari 30 soal yang telah di validasi. Hasil penelitian menunjukkan rata-rata nilai hasil belajar siswa dengan model *Make a Match* adalah 85,45 dengan SD 5,78 dan nilai hasil belajar siswa dengan model *Cooperative Integrated Reading and Composition* (CIRC) adalah 90,08 dengan SD 5,07. Perbedaan hasil belajar siswa diuji menggunakan uji t (dua pihak) dengan  $\alpha = 0,05$ . Data menunjukkan bahwa hasil  $t_{hitung} = -3,61$  dan tidak terletak antara  $t_{tabel} -1,997$  hingga  $1,997$  sehingga  $H_0$  ditolak. Dengan demikian dapat disimpulkan bahwa terdapat perbedaan hasil belajar siswa yang diajar menggunakan model pembelajaran *Make a Match* dan *Cooperative Integrated Reading and Composition* (CIRC) pada sub materi sistem ekskresi di kelas XI MIA SMA Negeri 10 Medan tahun pembelajaran 2017/2018.

Kata kunci : Perbedaan, Hasil Belajar, Model Pembelajaran Kooperatif, *Make a Match*, *Cooperative Integrated Reading and Composition*.



**THE DIFFERENCES OF BETWEEN STUDENTS SCORE TAUGHT BY  
MAKE A MATCH AND COOPERATIVE INTEGRATED READING AND  
COMPOSITION (CIRC) MODEL IN SUB TOPIC OF  
EXCRETION SYSTEM OF CLASS XI MIA  
SMA NEGERI 10 MEDAN ACADEMIC  
YEAR 2017/2018.**

**MAYA ANDINI (NIM 4143141036)**

**ABSTRACT**

This research aims to determine differences of student learning outcomes that use *Make a Match* and *Cooperative Integrated Reading And Composition (CIRC)* learning models for sub topic excretion system in class XI MIA SMA Negeri 10 Medan academic year 2017/2018. This type of research is a *Quasi Experiment*. Sample of the research taken by using random sampling. The total number of samples is 71 students. They are XI MIA<sub>2</sub> with 35 students as *Make a Match* class and XI MIA<sub>4</sub> with 36 students as *Cooperative Integrated Reading and Composition (CIRC)* class. Instrument that used to collect data is a multiple choices test consists of 30 questions. The result shows that the average score of student taught by *Make a Match* model is 85,45 with standard deviation 5,78 and score of student taught by *Cooperative Integrated Reading And Composition (CIRC)* model is 90,8 with standard deviation 5,07. The data of the research were analyzed by using  $t_{\text{test}}$  technique (two tails) with  $\alpha = 0,05$ . The data shows that  $t_{\text{count}}$  learning autocomes = -3,61 and both values are not between  $t_{\text{table}} = -1,997$  up to 1,997. It means that  $H_0$  is rejected. So, it can be concluded that there are differences between student's score in sub topic excretion system taught by *Make a Match* and *Cooperative Integrated Reading And Composition (CIRC)* in class XI MIA SMA Negeri 10 Medan academic year 2017/2018.

**Keywords:** Difference, Student's Score, Cooperative Learning Model, *Make a Match*, *Cooperative Integrated Reading and Composition*.