

**PENGARUH MODEL PEMBELAJARAN KOOPERATIF TIPE *PICTURE AND PICTURE* TERHADAP HASIL BELAJAR DAN AKTIVITAS BELAJAR SISWA PADA MATERI SISTEM REPRODUKSI DI KELAS XI MIPA SMA NEGERI 12 MEDAN TAHUN PEMBELAJARAN 2017/2018**

**Syariel Diputra Sihole (NIM 4141141072)**

**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui adanya pengaruh penggunaan model pembelajaran kooperatif tipe *picture and picture* terhadap hasil belajar dan aktivitas belajar siswa pada materi sistem reproduksi di kelas XI MIPA SMA Negeri 12 Medan tahun pembelajaran 2017/2018. Populasi dalam penelitian ini sebanyak 239 orang. Sampel penelitian diperoleh dengan teknik random sampling. Sampel penelitian yaitu XI MIPA 2 dan XI MIPA 5. Hasil penelitian menunjukkan hasil belajar kelas eksperimen sebesar 79,12 (SD= 8,38) dan hasil belajar kelas kontrol sebesar 63,84 (SD= 8,39) sedangkan nilai aktivitas belajar kelas eksperimen sebesar 75,62% (SD= 6,24) dan nilai aktivitas belajar kelas kontrol sebesar 67,97% (SD= 7,31). Jadi, dapat disimpulkan bahwa ada pengaruh penggunaan model pembelajaran kooperatif tipe *picture and picture* terhadap hasil belajar dan aktivitas belajar siswa pada materi sistem reproduksi di kelas XI MIPA SMA Negeri 12 Medan tahun pembelajaran 2017/2018.

*Kata kunci: Pengaruh, Hasil Belajar, Aktivitas, Picture and Picture*

**EFFECTS OF COOPERATIVE LEARNING MODEL TYPE *PICTURE*  
AND *PICTURE* ON THE RESULTS OF LEARNING AND  
ACTIVITIES STUDENT LEARNING ON TOPIC  
REPRODUCTIVE SYSTEM IN CLASS XI  
MIPA OF SMA NEGERI 12 MEDAN  
ACADEMIC YEAR 2017/2018**

**Syariel Diputra Sihole (NIM 4141141072)**

**ABSTRACT**

This study aims to determine the influence of the use of learning model cooperative type of *picture and picture* on result of learning and student activity activity on reproduction system material in class XI MIPA SMA Negeri 12 Medan learning year 2017/2018. The population in this study as many as 239 people. The samples were obtained by random sampling technique. The research samples were XI MIPA 2 and XI MIPA 5. The result showed that the experimental class learning result was 79.12 (SD = 8.38) and the control class learning result was 63.84 (SD = 8.39) while the value of class learning activity experiment of 75,62% (SD = 6,24) and value of control class learning activity equal to 67,97% (SD = 7,31). So, it can be concluded that there is influence the use of cooperative learning model *picture and picture* type of learning outcomes and student learning activities on reproduction system materials in class XI MIPA SMA Negeri 12 Medan learning year 2017/2018.

*Keywords: Effect, Learning Outcomes, Activities, Picture and Picture*

THE  
*Character Building*  
UNIVERSITY