

**PERBEDAAN HASIL BELAJAR SISWA MENGGUNAKAN MODEL
PEMBELAJARAN KOOPERATIF TIPE THINK PAIR SHARE
(TPS) DENGAN MULTIMEDIA PADA SISTEM EKSKRESI
MANUSIA DI KELAS XI IPA SMA NEGERI 4**

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui apakah ada atau tidaknya perbedaan hasil belajar siswa dengan menerapkan model kooperatif tipe TPS dengan multimedia di kelas XI IPA SMA Negeri 4 Takengon semester ganjil tahun ajaran 2013/2014. Populasi dalam penelitian ini adalah seluruh siswa kelas XI IPA SMA Negeri 4 Takengon. Sampel penelitian ini sebanyak 2 (dua) kelas XI IPA sebagai kelas eksperimen I dan eksperimen II. Kelas eksperimen I dibelajarkan dengan model kooperatif tipe TPS dengan multimedia dan kelas eksperimen II diajarkan dengan model kooperatif tipe TPS tanpa multimedia. Hasil penelitian ini menunjukkan bahwa tidak ada perbedaan hasil belajar biologi siswa dengan model kooperatif tipe TPS dengan multimedia dan tanpa multimedia pada pokok bahasan sistem ekskresi manusia. Hasil pengolahan data diperoleh nilai rata-rata pre-tes kelas eksperimen I (33,00) dan pos-tes (75,5). Hasil pada kelas eksperimen II diperoleh nilai rata-rata pre-tes (29,83) dan pos-tes (70,67). Data pre-tes, pos-tes diuji normalitas dan diperoleh data terdistribusi normal. Data pre-tes kedua kelas diuji homogenitas diperoleh bahwa kedua kelas homogen sebelum mendapat perlakuan berbeda.

Kata Kunci : Hasil belajar siswa, TPS, Multimedia.

**STUDENT LEARNING OUTCOMES USING DIFFERENT
COOPERATIVE LEARNING MODEL THINK PAIR
SHARE (TPS) MULTIMEDIA ON THE SUBJECT
OF THE HUMAN EXCRETORY SYSTEM
IN CLASS XI IPA SMA 4**

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ABSTRACT

This study aims to determine whether the presence or absence of differences in student learning outcomes by implementing cooperative model TPS type with multimedia in class XI Science SMAN 4 Takengon semester of school year 2013/2014. The population in this study were all students of class XI Science SMAN 4 Takengon. The study sample as many as two (2) classes as class XI science experiment I and experiment II. Experimental class I learned with the cooperative model TPS type II multimedia and experimental class taught by cooperative model TPS type without multimedia. The results of this study showed that there was no difference in learning outcomes biology students with cooperative model TPS type with and without multimedia and multimedia on the subject of the human excretory system. The results of data processing obtained an average value of pre-test experimental class I (33.00) and post-test (75.5). The results obtained in the experimental class II average value of the pre-test (29.83) and post-test (70.67). Data pre-test, post-test were tested for normality and obtained normally distributed data. Data pre-test tested the homogeneity of the two classes was found that both classes of homogeneous before it gets different treatment.

Keywords: Student's learning result, TPS, Multimedia.