

**PERBEDAAN HASIL BELAJAR SISWA MENGGUNAKAN MODEL  
PEMBELAJARAN *THINK PAIR SHARE* (TPS) DENGAN  
*THINK TALK WRITE* (TTW) PADA MATERI  
TUMBUHAN PAKU (PTERIDOPHYTA)  
DI KELAS X SMA AL-HIDAYAH  
T.P 2015/2016**

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**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui perbedaan hasil belajar siswa yang diajar dengan model pembelajaran *Think Pair Share* dengan *Think Talk Write* pada materi pokok tumbuhan paku di kelas X SMA Al-Hidayah Medan. Teknik pengambilan sampel secara acak (*random sampling*). Dari tiga kelas diambil dua kelas sebagai sampel yaitu kelas  $X_1$  sebagai kelas *Think Pair Share* dan  $X_2$  sebagai kelas *Think Talk Write*. Kelas *Think Pair Share* terdapat 30 siswa dan *Think Talk Write* terdapat 30 siswa sehingga sampel berjumlah 60 siswa. Penelitian ini menggunakan metode eksperimen. Instrumen yang digunakan berupa soal pilihan berganda sebanyak 20 soal kognitif yang digunakan sebagai soal pretes dan postes. Rata-rata hasil belajar kelas *Think Pair Share* sebesar 76,17 dengan standar deviasi 11,65 lebih tinggi dibanding kelas *Think Talk Write* sebesar 70,83 dengan standar deviasi 8,72 sehingga terdapat perbedaan nilai sebesar 5,34. Pengujian hipotesis yang dilakukan dengan uji-t menunjukkan nilai  $t_{hitung} = 2,015$  dan  $t_{tabel} = 1,982$  pada  $\alpha = 0,05$ .  $H_0$  diterima jika  $-t_{(1-1/2\alpha)} < t_{hit} < t_{(1-1/2\alpha)}$ . Berdasarkan kriteria tersebut penelitian ini menolak  $H_0$  dan menerima  $H_a$ . Sehingga terdapat perbedaan antara hasil belajar siswa yang diajar dengan model pembelajaran *Think Pair Share* dengan *Think Talk Write* pada materi pokok tumbuhan paku di kelas X SMA Al-Hidayah Medan Tahun Pelajaran 2015/2016.

**Kata Kunci** : model *Think Pair Share*, model *Think Talk Write*, hasil belajar siswa

**THE DIFFERENCE OF STUDENT'S LEARNING OUTCOMES BY  
MODELS THINK PAIR SHARE (TPS) WITH THINK TALK  
WRITE (TTW) ON FERNS (PTERIDOPHYTA) SUBJECT  
IN SMA AL-HIDAYAH MEDAN A.Y 2015/2016**

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**ABSTRACT**

This research aimed to investigate the difference of student's learning outcomes taught by Think Pair Share and Think Talk Write models on ferns main subject in grade X of SMA Al-Hidayah Medan. The research used random sampling technique. From three classes was taken two classes sample were  $X_1$  as Think Pair Share class and  $X_2$  as Think Talk Write class. It was obtained 30 students in  $X_1$  and 30 students in  $X_2$  totalling 60 students as sample. This research used experimental method. The instrument of research was multiple choice test consist of 20 numbers cognitive test using in pre-test and post-test. The learning outcomes for Think Pair Share have mean 76.17 with deviation standard 11.65 is higher than Think Talk Write class that have mean 70.83 with deviation standard 8.72, so there was difference about 5.34. The result of hypothesis test using t test showed  $t_{\text{count}} = 2.015$  and  $t_{\text{table}} = 1.982$  with  $\alpha = 0.05$ .  $H_0$  accepted if  $-t_{(1-1/2\alpha)} < t_{\text{count}} < t_{(1-1/2\alpha)}$ . Based on the criteria  $H_0$  was rejected and accepted  $H_a$ . So, there was significance difference of student's learning outcomes taught by Think Pair Share and Think Talk Write models on ferns main subject in class X of SMA Al-Hidayah Medan Academic Year 2015/2016.

**Keywords** : Think Pair Share model, Think Talk Write model, Student's Learning Outcomes