

ABSTRACT

DEVELOPMENT OF TWO STAY TWO STRAY LEARNING MODEL BASED ON PROBLEM BASED LEARNING ON RESULTS OF LEARNING MATERIALS OF STUDENT PLANTS NETWORK STRUCTURE STUDENT SMA N 1 SELESAI

Dyah Ayu Tyas Nurcahyati

Npm: 7115050009

E-mail:nurcahayati97@yahoo.com

This study aims to determine whether there is an influence of the Two Stay Two Stray learning model based on Problem Based Learning on student learning outcomes in plant tissue structure material.

The mean value (\bar{x}) of the pre-test before being treated was 62.76 with the standard deviation (S) = 9.66. The average value of student learning outcomes using the Two Stay Two Stray model based on Problem Based Learning is 79.3 with a standard deviation of 8.84. Based on the hypothesis test, the value of $t_{count} > t_{table} = 10.43 > 1.69$ so that H_a is accepted and H_o is rejected. Thus it can be concluded that there is a significant difference in the differences in the Two Stay Two Stray model based on Problem Based Learning on the material of plant tissue structure in class XI MIA V SMA N 1 Completed in the 2019/2020 Learning year.

The results of this study indicate that the use of the Two Stay Two Stray learning model based on Problem Based Learning has a significant effect on student learning outcomes on plant tissue structure material so that it is more appropriate to use.

Keywords: Two Stay Two Stray learning model based on Problem Based Learning, Learning Outcomes, Plant Network Structure.

ABSTRAK

PENGEMBANGAN MODEL PEMBELAJARAN *TWO STAY TWO STRAY* BERBASIS *PROBLEM BASED LEARNING* TERHADAP HASIL BELAJAR MATERI STRUKTUR JARINGAN TUMBUHAN SISWA SMA N 1 SELESAI

Dyah Ayu Tyas Nurcahyati

Npm: 7115050009

E-mail:nurcahayati97@yahoo.com

Penelitian ini bertujuan untuk mengetahui ada tidaknya pengaruh pengembangan model pembelajaran *Two Stay Two Stray* berbasis *Problem Based Learning* terhadap hasil belajar siswa pada materi struktur jaringan tumbuhan.

Nilai rata-rata (\bar{x}) pre-test sebelum diberi perlakuan adalah 62,76 dengan simpangan baku (S) = 9,66. Nilai rata-rata hasil belajar siswa yang menggunakan model *Two Stay Two Stray* berbasis *Problem Based Learning* adalah 79,3 dengan simpangan baku 8,84. Berdasarkan uji hipotesis diperoleh nilai $t_{hitung} > t_{tabel} = 10,43 > 1,69$ sehingga H_a diterima dan H_o ditolak. Dengan demikian dapat disimpulkan ada pengaruh yang signifikan perbedaan model *Two Stay Two Stray* berbasis *Problem Based Learning* pada materi struktur jaringan tumbuhan di kelas XI MIA V SMA N 1 Selesai tahun Pembelajaran 2019/2020.

Hasil penelitian ini menunjukkan bahwa penggunaan model pembelajaran *Two Stay Two Stray* berbasis *Problem Based Learning* berpengaruh signifikan terhadap hasil belajar siswa pada materi struktur jaringan tumbuhan sehingga lebih tepat digunakan.

Kata Kunci : Model pembelajaran *Two Stay Two Stray* berbasis *Problem Based Learning*, Hasil Belajar, Struktur Jaringan Tumbuhan.