

PERBEDAAN HASIL BELAJAR SISWA DENGAN MENGGUNAKAN
MODEL PEMBELAJARAN PROBLEM BASED LEARNING DENGAN
PROJECT BASED LEARNING PADA MATERI JAMUR
DI KELAS X SMA NEGERI 16 MEDAN T.P 2016/2017

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui perbedaan hasil belajar siswa yang diajarkan dengan menggunakan model pembelajaran *problem based learning* dengan model pembelajaran *project based learning* pada materi jamur di kelas X SMA Negeri 16 Medan. Merupakan penelitian eksperimen dimana populasinya adalah seluruh siswa kelas X MIA SMA Negeri 16 Medan yang terdiri dari empat kelas dengan sampelnya sejumlah dua kelas. Masing-masing kelas berjumlah 40 orang siswa, sehingga jumlah sampel dalam penelitian ini sebanyak 80 orang siswa. Uji prasyarat analisis data menunjukkan bahwa data hasil penelitian berdistribusi normal dan kedua kelas sampel memiliki kesamaan varians (homogen). Hasil pengujian hipotesis yang dilakukan dengan uji t menghasilkan $t_{hitung} = 0,28 < t_{tabel} = 1,66$ dengan $dk=78$ dan taraf signifikansi 0,05. Sehingga dapat disimpulkan bahwa tidak terdapat perbedaan yang signifikan antara hasil belajar siswa yang diajar menggunakan model pembelajaran *problem based learning* dengan *project based learning* pada materi Jamur di kelas X SMA Negeri 16 Medan.

Kata kunci: *Problem based learning, project based learning, hasil belajar siswa, jamur.*

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**THE DIFFERENCE OF STUDENT ACHIEVEMENT USING MODEL
PROBLEM BASED LEARNING MODEL WITH PROJECT BASED
LEARNING MODEL MUSHROOMS MATERIALS IN CLASS X
SMA NEGERI 16 MEDAN T.P 2016/2017**

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ABSTRACT

The aim of this research was to know the difference of student's learning result taught by problem based learning model with project based learning model in fungi material in class X SMA Negeri 16 Medan. An experimental research where the population is all students in X SMAN 16 Medan MIA consisting of four classes with the sample two classes. Each class numbered 40 students, so the number of samples in this study were 80 students. Prerequisite test of analysis consisted of normality test and homogeneity test. The result was showed that all groups were in normally distribution and the samples have same of variance (homogeneous). The analysis of hypothesis test used t that showed $t_{count} = 0.28 < t_{table} = 1.66$ with $df = 78$ and a significance level 0.05. It can be concluded that there is no significant difference between the learning outcomes of students who were taught using problem based learning model with project based learning in Mushrooms materials in class X SMA Negeri 16 Medan.

Keywords: Problem based learning, project based learning, student learning outcomes, mushrooms.