**PENGARUH PRAKTIKUM BERBASIS MASALAH TERHADAP
HASIL BELAJAR DAN KETERAMPILAN PROSES
SISWA PADA MATERI SEL SMA SWASTA
KARTIKA 1-2 MEDAN T.P 2018/2019**

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengaruh praktikum berbasis masalah terhadap hasil belajar dan keterampilan proses siswa pada materi sel kelas XI IPA SMA Swasta Kartika 1-2 T.P 2018/2019. Penelitian ini dilaksanakan pada bulan Juli-September, di SMA Kartika 1-2 Medan. Populasi penelitian adalah seluruh siswa kelas XI IPA sebanyak 179 orang. Sampel diambil secara acak dan berjumlah 72 orang. Hasil uji statistik menunjukkan bahwa rata-rata hasil belajar siswa pada kelas eksperimen adalah pretes sebesar 63,22 dan postes sebesar 82,89, sedangkan kelas kontrol pretes sebesar 59,55 dan postes sebesar 69,44. Selanjutnya uji hipotesis (uji t) menunjukkan bahwa (t_{hitung} = 5,4561 > t_{tabel} =1,997). Pelaksanaan praktikum berbasis masalah dapat meningkatkan keterampilan proses siswa. Hal ini ditunjukkan pada hasil lembar pengamatan kelas eksperimen memiliki rata-rata keterampilan proses pada kategori "Tinggi" Sedangkan pada kelas kontrol rata-rata keterampilan proses hanya sampai kategori "Sedang". Sehingga dapat disimpulkan bahwa praktikum berbasis masalah berpengaruh signifikan terhadap hasil belajar dan keterampilan proses siswa kelas XI SMA Swasta Kartika 1-2 Medan T.P 2018/2019.

Kata Kunci : Praktik

**THE EFFECT OF PROBLEM BASED PRACTICE TOWARDS
LEARNING OUTCOME AND PROCESS SKILL ON CELL
OF STUDENT SKARTIKA HIGH SCHOOL 1-2 MEDAN
T.P 2018-2019**

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ABSTRACT

This study aims to determine the effect of problem based practice on student learning outcome and process skill in cell material in class XI Science Kartika Private High School 1-2 T.P 2018/2019. This research was conducted in July-September, at SMA Kartika 1-2 Medan. The population of this study were all students of class XI as many as 179 people. Samples are taken randomly. There were as many as 72 students. Statistical analysis showed that the average student learning outcomes in the experimental class is pretest of 63.22 and posttest of 82.89, while the control class pretest is 59.55 and posttest is 69.44. Then hypothesis test (t test) showed that (t_{count} = 5.4561 > t_{table} = 1.997). Whice is means that the problem based practice has a significant effect on the learning outcome. In addition practice using PBL models can improve student process skills. This is shown in the results of the experimental class observation sheet having an average process skill in the "High" category. Whereas in the control class the average process skill is only up to the "Medium" category. So it can be concluded that the Problem based practice has a significant effect on the learning outcome and process skill of class XI students of Private Kartika Senior High School 1-2 Medan T.P 2018/2019.

Keywords: Problem Based Practice, Learning Outcome, Process Skill.