# ABSTRAK

**Asri Purnama, NIM 4193341010 (2023). Pengaruh Model *Problem Based Learning* Terhadap Hasil Belajar Siswa Materi Sistem Pertahanan Tubuh Kelas XI SMA Negeri 8 T.P 2022/2023.**

Penelitian ini bertujuan untuk mengetahui pengaruh model *Problem Based Learning* terhadap hasil belajar siswa pada materi sistem pertahanan tubuh kelas XI SMA Negeri 8 T.P 2022/2023. Selain itu penelitian ini juga bertujuan untuk mengetahui keterlaksanaan proses penerapan model *Problem Based Learning* dalam pembelajaran. Metode penelitian yang digunakan adalah eksperimen semu dengan desain penelitian *Pretest-Posttest Control Design*. Sampel yang digunakan dalam penelitian ini sebanyak 60 orang, terdiri atas kelas eksperimen dan kelas kontrol. Kelas XI MIA 3 dengan jumlah siswa 30 orang merupakan kelas eksperimen dan kelas XI MIA 5 dengan jumlah siswa 30 orang merupakan kelas kontrol. Teknik pengumpulan data dilakukan dengan pemberian instrumen tes dan lembar observasi keterlaksanaan model *Problem Based Learning* dalam pembelajaran. Dari hasil penelitian diperoleh rata-rata hasil belajar pada kelas eksperimen berupa *pretest* sebesar 38 dan *posttest* sebesar 79,2 sedangkan pada kelas kontrol diperoleh rata-rata hasil belajar pada *pretest* sebesar 36,3 dan *posttest* sebesar 55,5. Keterlaksanaan model *Problem Based Learning* dalam pembelajaran memperoleh presentase sebesar 89% dengan kategori "Sepenuhnya Terlaksana". Analisis data pada penelitian ini menggunakan uji normalitas, homogenitas dan *Independent Sample T-Test* dengan bantuan *software* SPSS 25 dari hasil uji *Independent Sample T-Test* diperoleh nilai sig $0,000 < 0,05$. Pengujian hipotesis ini menunjukkan bahwa model *problem based learning* berpengaruh terhadap hasil belajar siswa pada materi sistem pertahanan tubuh kelas XI SMA Negeri 8 T.P 2022/2023

**Kata Kunci:** *Problem Based Learning,* Hasil Belajar, Sistem Pertahanan Tubuh.

# ABSTRACT

**Asri Purnama, NIM 4193341010 (2023). The Effect of Problem-Based Learning Models on Student Learning Outcomes Material on Body Defense Systems Class XI SMA Negeri 8 T.P 2022/2023.**

This study aims to determine the effect of the Problem Based Learning Model on Student Learning outcomes material on body defense systems class XI SMA Negeri 8 T.P 2022/2023. In addition, this study also aims to determine the implementation of the process of implementing the Problem Based Learning model in learning. The research method used was quasi-experimental with a pretest-posttest control design. The sample used in this study was 60 people, consisting of an experimental class and a control class. Class XI MIA 3 with 30 students is the experimental class and class XI MIA 5 with 30 students is the control class. Data collection techniques were carried out by administering test instruments and observation sheets on the implementation of the Problem Based Learning model in learning. From the results of the study, the average learning outcomes in the experimental class were 38 in the pretest and 79.2 in the posttest, while in the control class the average learning outcomes in the pretest were 36.3 and 55.5 in the posttest. The implementation of the Problem Based Learning model in learning obtained a percentage of 89% with category completely implement. Data analysis in this study used tests for normality, homogeneity and the Independent Sample T-Test with the help of SPSS 25 software. From the results of the Independent Sample T-Test, a sig value of $0.000 < 0.05$ was obtained. Testing this hypothesis shows that the problem based learning model has an effect on student learning outcomes in the body's defense system material for class XI SMA Negeri 8 T.P 2022/2023

**Keywords:** Problem Based Learning, Learning outcomes, Body Defense System.