

ABSTRACT

Arfiah, 2019. The Influence of *Problem Based Learning* Model Learning and Creative Thinking Skills on Student Learning Outcomes Class XI MIA-1 SMA Negeri 1 Ternate City on the Concept of Rotational Dynamics and Equivalence of Strong objects. Under the guidance of Dr. Rahim Achmad, S.Sc., M.Sc and Mrs. Sumarni Sahjat, S.Pd., M.Pd, Si.

This study aims to determine: The effect of the use of *Problem Based Learning* (PBL) models and creative thinking skills due to learning outcomes of students in class XI MIA 1 on the material dynamics of rotation and balance of rigid objects. The method used in this study is the correlational method to see the effect between two variables namely the independent variable and the dependent variable. the population in this study were all students of class XI MIA with 216 students while the sample of this study were students of class XI MIA 1 with a total of 36 students. Data collection techniques in this study used test techniques in the form of essay and non-test questions, namely questionnaire. Then the data analysis technique uses statistical tests of regression and correlation.

The results of the analysis showed that there was an influence of the *Problem Based Learning* model due to learning and creative thinking skills on student learning outcomes. Based on hypothesis testing using statistical tests of significance of regression and significance of correlation in order to see the effect of the *problem based learning* model of learning on student learning results obtained $F_{hit} > F_{tab}$ or $24.66 > 4.13$ and $t_{hit} > t_{tab}$ or $4.98 > 2.03$ so that the hypothesis stated that there is influence between the of the *problem based learning* model and student learning outcomes. The same statistical test was treated to see the influencell of creative thinking skills on student learning outcomes obtained by $F_{hit} > F_{tab}$ $34.35 > 4.13$ so based on hypothesis testing showed that H_a 's hypothesis is accepted and H_o 's hypothesis is rejected. By using a statistical regression test Multiple correlation where the effect of the *Problem Based Learning* model and Creative Thinking Skills together on student learning outcomes has a contribution of 75.69%.

Keywords: Problem Based Learning, Creative Thinking Skills and Learning Outcomes