

ABSTRACT

Muhammad Faizal Nazir. 2015. Implementation Method Problem Based Learning (PBL) in Draft Scope of Biology. Under Dr. Hj. Mia Nurkanti, Kes. and Drs. Otang Hidayat, M.Pd

This study aims to determine improving student learning outcomes through the method of Problem Based Learning (PBL) on the concept Scope Biology. In the learning process less effective by simply having students listen to the concepts of the lessons of teachers alone, so it tends to make the students not serious when learning took place and the concept is not conveyed to them then they did not master the concept of learning. This thesis is a research quasy Experiment research that approach real experiment in which it is impossible to hold classes with study design One control-group pretest-posttest design. The population of this research is all class X Purwakarta Highschool district Pasawahan with a sample of the class is class X 3. Sampling determined through purposive sampling method. The research instrument used was a test that measures cognitive ability in the form of 20 multiple choice questions that are tailored to the achievement of learning indicators that have been tested previously. The results were obtained an average value of 38.87 pretest and posttest average value of 78.1. The results of the analysis of the test continued using the t test results obtained with $t = 13.89$ and table = 2.66, thus obtained $t (13.89) > t \text{ table } (2.66)$ with a significance level of $\alpha = 0.01$. From these criteria then H_0 rejected and H_a accepted. These results indicate that there are significant differences. So we can say there is increasing learning outcomes by using Problem Based learning (PBL) on the concept Scope of Biology in accordance with the proposed hypothesis.

Keywords: Problem Based learning Method (PBL), Learning Outcomes.