

ABSTRACT

MUHAMMAD DZIKRILLAH. 2025. ***THE EFFECT PROBLEM BASED LEARNING MODEL ASSISTED BY FIELD WORK ON LEARNING OUTCOMES IN BIODIVERSITY MATERIAL*** (Experimental Study in Grade X of SMA Islam Cipicung in the 2024/2025 Academic Year). Biology Education Study Program, Faculty of Teacher Training and Education, Siliwangi University, Tasikmalaya.

Problem based learning is a learning model that provides students with real world experiences and requires them to construct their own knowledge. This study seeks to evaluate the impact a problem based learning methodology, supplemented by fieldwork, on student learning outcomes in biodiversity topics for grade X at SMA Islam Cipicung during the 2024/2025 academic year. This study involved a population and sample of 26 individuals. The sampling method employed is saturation sampling strategy inside a research design characterized as a one-group pretest-posttest. This study employs solely an experimental group. The utilized instrument is a composite questionnaire of 36 items. The research data indicates that the average posttest score of students learning outcomes is 32,62, surpassing the pretest score of 25. The Wilcoxon non-parametric test findings indicate a significance value of <0.001 for the pretest-posttest outcomes, which is less than the significance threshold of 0.05. Therefore, it can be concluded that the use of problem based learning model based on field work has a positive effect on student learning outcomes in the material of biodiversity in class X SMA Cipicung.

Keywords: *Problem Based Learning, Field Work, Learning Outcomes*