

## **ABSTRACT**

SINTIA APRIANI DEWI. 2019. The Influence of the Project Based Learning (PJBL) Model on Learning Outcomes and Students' Creative Thinking Ability on Waste Recycling Material (Experimental Study in Class X MIA MA AN-NUR Malangbong 2018/2019 Academic Year). Thesis. Biology Education Department. Faculty of Teacher Training and Education. Siliwangi University.

This research aims to determine the effect of the Project Based Learning (PJBL) model on learning outcomes and students' creative thinking abilities on waste recycling system material for class X MIA at MA An-Nur Malangbong in the 2018/2019 academic year. This research was carried out from November 2017 to December 2018. The method used in this research was true experimental. The population in this study was all four classes of Class X MIA MA An-Nur Malangbong, with a total of 134 students. The research sample was 29 students in class X MIA 1 as the experimental class and in class X MIA 3 there were 30 students as the control class. Samples were taken using cluster random sampling technique. The instruments used in this research were tests of student learning outcomes and creative thinking on Waste Recycling material. The learning outcomes test is in the form of multiple choice questions with 30 questions and creative thinking questions in the form of description questions with 7 questions. The data analysis technique used is the ANCOVA test.

Based on the results of research, data processing, and hypothesis testing, the author concludes that there is an influence of the Project Based Learning learning model on learning outcomes and students' creative thinking abilities in waste recycling material in class X MIA MA An-Nur Malangbong in the 2018/2019 academic year . From the students' learning results, it shows that the learning model using the Project Based Learning (PjBL) model is better than the Discovery Learning learning model.

Keywords: PjBL model, DL, learning outcomes, creative thinking, waste recycling