

## ABSTRACT

**Maspupah, 2019. Effect of Use of Reality Based Learning Models on Student Learning Outcomes on the Concept of Biodiversity. Advisor 1 Drs.H. Ahmad Mulyadi, M.Pd. and Advisor 2 Ida Yuyu Nurul Hizqiyah, S.Pd., M.Sc.**

This study aims to determine the use of the *Reality Based Learning* model as a learning model of student learning outcomes on the concept of Biodiversity. The research method used was Quasy Experimental Design using the Nonequivalent Control Group Design research design. The subjects of this study were class X MIPA 2 as an Experiment class totaling 35 students and class X MIPA 6 as a control class with a total of 35 students. sample selection is done by Purpossive sampling. The results showed that the control class got an average N-Gain of 0.5 with a moderate category while the experimental class got an average of N-Gain of 0.7 with a moderate category. In the two similarities test the average pretest gets a significance of 0.909 while in the difference test the two average pretests get a significance of 0,000. With the meaning of the pretest the control class and the experimental class are significantly the same while the posttest of the control class and the experimental class are better than the control class. Thus the results of this study can be concluded that learning through the use of Reality Based Learning models on student learning outcomes on the concept of biodiversity.

***Keywords:*** *Reality Based Learning, Learning Outcomes, Biodiversity*