

ABSTRACT

EVA NURFADILAH. 2024. ***THE EFFECT OF THE OUTDOOR STUDY-BASED PBL MODEL ON CRITICAL THINKING SKILLS AND LEARNING OUTCOMES OF STUDENT ON ENVIROMENTAL CHANGE MATERIAL (Experimental Study in Class X SMA Negeri 2 Singaparna Academic Year 2023/2024)***. Biology Education Department, Faculty of Science and Teacher's Training, Siliwangi University of Tasikmalaya.

Education in Indonesia in the 21st century is closely related to world developments and the challenges they face. The development of the industrial revolution requires students to have high-level skills, one of which is critical thinking skills. Critical thinking skills in the learning process are still not well optimized and have not been able to improve student learning outcomes. This study aims to determine the effect of the Outdoor Study-Based PBL Model on the critical thinking skills and student learning outcomes of students on Environmental Change Material (Experimental Study in Class X SMA Negeri 2 Singaparna Academic Year 2023/2024). This research was carried out from November 2023 to May 2024. The method used in this research is quasi-experiment. The population in this study was all 7 classes of class X SMA Negeri 2 Singaparna with a total of 269 students. The research sample in class X-4 as many as 38 students as the experimental class and in class X-3 as many as 39 students as the control class. Determination of the sample using purposive sampling technique. The research instrument used in this study was a critical thinking ability description test totaling 14 items and 30 multiple choice questions for learning outcomes. The data analysis technique used was Anova One Way with a significance level of $\alpha = 0.05$. Based on the results of data analysis and hypothesis testing, it shows that the significance value of critical thinking skills and cognitive learning outcomes is less than 0,05, namely 0,000. So it can be concluded that there is an influence of the outdoor study-based PBL model on critical thinking skills and student learning outcomes in environmental change material in class X SMA Negeri 2 Singaparna academic year 2023/2024.

Keywords: *outdoor study based PBL model; critical thinking skills; learning outcomes.*