

***THE EFFECT OF THE PROJECT BASED LEARNING MODEL ASSISTED  
BY DIORAMA MEDIA ON STUDENT LEARNING OUTCOMES IN  
SCIENCE MATERIAL FOR CLASS V OF ELEMENTARY SCHOOL***

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***ABSTRACT***

This research was motivated by the large number of students at SD Negeri 018 Sukagalih who have not reached the minimum standard of KKTP score of 70 because learning is still teacher-centered and there is a lack of diversity in the learning models and media applied. This lack of diversity causes students to get bored quickly and have difficulty understanding learning materials, resulting in quite low learning outcomes. The aim of the research is to determine the influence of the diorama media-assisted Project Based Learning model on student learning outcomes in the science content of class V SD Negeri 018 Sukagalih. This research uses a quantitative approach using experimental methods of quasi-experimental type and the design of Nonequivalent Control Group Design. The population in this study was 56 students in class V of SD Negeri 018 Sukagalih, the sample taken using the saturated sampling technique, consisting of two classes in class VA as a control group and class VB as an experimental group. The data collection techniques used in the research were pretest and posttest of 15 questions, observation sheets, and questionnaires. The data processing techniques carried out include using the normality test seen from the results of the Shapiro-Wilk test because the  $< 50$  sample, the homogeneity test both obtained a significance value of  $> 0.05$ , and the Paired sample t-Test which was assisted by the SPSS version 27 application. As for the results of the hypothesis test,  $H_0 > H_a$  shows a significance value of  $0.001 < 0.05$ , meaning  $H_0$  is rejected and  $H_a$  is accepted, thus it can be concluded that there is a significant influence of the use of the Project Based Learning model assisted by diorama media on student learning outcomes in the science content in class V SD Negeri 018 Sukagalih as seen from the pretest and posttest results. Furthermore, based on the results of the questionnaire, the student response obtained a result of 89.29%, meaning that students showed a very positive response to the application of dioramas to food chain materials and food webs in class V of SD Negeri 018 Sukagalih.

***Keywords:*** *Media dioramas, Project Based Learning models, science content, student learning outcomes.*