

**THE EFFECT OF PROJECT BASED LEARNING MODEL ON
LEARNING MOTIVATION IN SCIENCE LEARNING
IN ELEMENTARY SCHOOLS**

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ABSTRACT

This research is motivated by the low learning motivation of students. This study aims to determine the effect of the Project Based Learning model on learning motivation of students in learning Natural and Social Sciences (IPAS). This study uses a quantitative approach with a quasi-experimental experimental research method with a nonequivalent control group design type. Data collection techniques used are using observation, questionnaires, and analyzed with descriptive analysis tests, validity tests, reliability tests, normality tests, and effect size tests using SPSS version 25. The results of the study indicate that there are differences in learning motivation of grade III students of SD Negeri Belendung IV with the results of the independent test of sig. (2-tailed) of $0.000 < 0.05$, it can be concluded that H_0 is rejected and H_1 is accepted. Then the increase in student learning motivation is measured by the Gain Test with the results of the experimental class of 37.8443 with a medium category and the control class of 27.8860 with a low category. Then the influence of the use of the project based learning model can be seen from the acquisition of the effect size test of 2.1 with a very large interpretation. So it can be concluded that the project based learning model has an effect on learning motivation in science learning at SD Negeri Belendung IV, Karawang Regency.

Keywords: Project Based Learning (PjBL) Model, Learning Motivation, Students.