THE INFLUENCE OF PROJECT BASED LEARNING MODEL ON THE LEARNING OUTCOMES OF PLANT BREEDING MATERIAL IPAS GRADE IV ELEMENTARY SCHOOL

(Quasi-Experimental Research of Class IV SD Negeri Talagasari 1 Karawang Regency)

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ABSTRACT

This study is motivated by the phenomenon that occurs at SDN Talagasari 1 regarding the learning outcomes of IPAS students on plant reproduction material in class IV which is still low. During learning, students lack focus in learning so that they consider IPAS material difficult and boring. Learners also think that in plant breeding material the material is too complex and difficult to remember. The learning model used does not provide opportunities for students to be active in learning. The purpose of this study was to determine the effect and learning outcomes of IPAS plant breeding material between classes using Project Based Learning model treatment and classes using conventional models on the learning outcomes of fourth grade students at SDN Talagasari 1 Karawang. This study uses a quantitative approach with a quasi-experimental research design (Quasi Experimental Design). Data processing techniques used in this study are normality test, homogeneity, independent sample t test and effect size test. Based on the results of calculations using independent sample t test with a significance value (2-tailed) $0.000 < 0.05$. The effect size test also found a result of 2.36 with the interpretation of a large effect because $0.05 < 2.36$, which means it can be concluded that there is a positive and significant effect on students who use the *Project Based Learning* model on the learning outcomes of IPAS plant reproduction material in class IV SDN Talagasari 1 Karawang.

Keywords: Project Based Learning, Learning Outcomes, IPAS Learning