

**THE USE OF THE PROJECT BASED LEARNING MODEL IN
IMPROVING CONCEPTS UNDERSTANDING OF STUDENTS IN CLASS
IV SD**

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ABSTRACT

This research is motivated by the lack of ability to understand the concepts of elementary school students. The purpose of this research is to find out the improvement of students' conceptual understanding skills after using the Project Based Learning (PjBL) model in fourth grade students of SD Mathla'ul Khoeriyah, Tamansari, Bandung City, Academic Year 2022/2023. From the pre-test that has been given to fourth grade students, it shows that the ability to understand concepts in the material on theme 1 "The Beauty of Togetherness" sub-theme 2 "Togetherness in Diversity" is lacking. Therefore, the authors are interested in conducting a research entitled "Use of Project Based Learning Models in Improving Concept Understanding of Fourth Grade Elementary School Students". This research uses quantitative research with quasi-experimental with equivalent control group design. The population used in this study were all fourth grade students of SD Mathla'ul Khoeriyah, with a sample of two classes, namely class IV B as the experimental class, and class IV A as the control class. The data from this study were obtained using a multiple choice instrument as many as 30 questions were given at the time of the pretest before the learning process was carried out, and posttest which was carried out after the learning process was carried out. From the results of the study, the average pretest experiment class 36,25, and average posttest was 74.89. While in the control class, the average pretest 34,21, and average posttest was 54.21. From the results of hypothesis testing at a significance level of 5%, sig. (2-tailed) of 0.000, which means less than 0.05. Based on the results of the analysis of the data obtained, it can be concluded that learning using the Project Based Learning (PjBL) model can improve students' conceptual understanding skills on the theme material 1 "The Beauty of Togetherness" sub-theme 2 "Togetherness in Diversity" which can be seen from the increase in the average score pretest to posttest.

Keyword: Model Project Based Learning, Concept Understanding.