

# **THE EFFECT OF USING THE DISCOVERY LEARNING MODEL ON UNDERSTANDING THE CONCEPT OF ARITHMETIC OPERATIONS**

(Quasi Experiment Research for Class V of Neglasari Elementary School in Kutawaringin District, Badung Regency in 2019/2020)

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## **ABSTRACT**

This research is motivated by the lack of understanding of the concept of decimal fraction counting operations, because seen from the average student learning outcomes in learning the decimal fraction counting operations still have not reached KKM. Most children do not understand the material because they only remember what is explained by the teacher without understanding the concept. Therefore the researcher aims to foster students to be more active and creative in learning so that students not only memorize and memorize them but students can understand the concept of arithmetic operations of decimal numbers, because by understanding the contents of the material described, students can solve a mathematical problem. The research method used was a quasi-experimental study. Experimental studies in this study were conducted on two groups of students in two classes, namely the experimental class using discovery learning models and the control class not using models. Furthermore, the measurement of learning outcomes between the two groups is the same, namely the final test (post-test). Based on data analysis of research results in the field, it can be concluded that using discovery learning models can influence students in understanding the concept of arithmetic operations in class VB and class C. Thus the discovery learning model can be used as one of the learning models applied by teachers for learning activities.

**Keywords:** discovery learning & understanding the concept