

# ***THE EFFECT OF DISCOVERY LEARNING MODEL ON STUDY CRITICAL ABILITY ABOUT STUDENT LEARNING***

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## **ABSTRACT**

*This study aims to determine the effect of discovery learning models on the critical thinking skills of fifth grade students in natural science subjects at Warungbambu III Elementary School located at Surotokunto Krajan 2 Warungbambu East Karawang. This research is a type of quantitative research. The population used in this study were all students of SD Negeri Warungbambu III who have the address at Surotokunto Krajan 2 Warungbambu East Karawang, totaling 218 students / i. By taking a sample of all students in grade V SD Negeri Warungbambu III namely IVB class as an experimental class and IVA class as a control class. Data collection techniques through multiple choice questions of students' critical thinking skills in science subjects. This study compares the use of discovery learning models on students' critical thinking skills with students' critical thinking skills who do not use discovery learning models. Data analysis technique to test hypotheses is done by calculating the statistical t-test Paired Samples Test. Namely the experimental class results of 14,009 with sig (2-tailed) of  $0,000 \leq 0.05$  with a significance of 0.05 with  $n = 20$  which means that the hypothesis is accepted. From the results of this study it can be concluded that the use of discovery learning models in the process of critical thinking skills in science subjects students of Vs SD Negeri Warungbambu III has a very strong relationship.*

**KEY WORDS : Discovery Learning, Students' Critical Thinking Ability**