

**THE USE OF DISCOVERY LEARNING MODEL TO IMPROVE STUDENT  
LEARNING OUTCOMES IN SUBTEMA HOW TO PROCEED CLEAN AIR**

**(Classroom Action Research In V Grade Students Semester I SDN 054 Tikukur  
Kota Bandung)**

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**ABSTRACT**

*Application of Discovery Learning Model to Improve Student Learning Outcomes in the Subtema of How to Manage Clean Air in Class V Students of SDN 054 Tikukur, Bandung City. This study is based on the background of the findings in the observation activity which describes the low learning outcomes of students in the diversity of animals and plants. The design of this study uses the CAR model, which consists of II cycles, each cycle includes the stages of planning, action, observation, and reflection. The results of the study for the Learning Implementation Plan (RPP) obtained results in the first cycle of 76% and increased in the second cycle by 93%. In the first cycle learning planning yields 79% and increases in cycle II by 89%. In the first cycle self-confidence attained a result of 68% and increased in the second cycle by 82%. In student learning outcomes obtained from three aspects, namely affective, cognitive, and psychomotor aspects. Shows that in the first cycle students succeed in achieving completeness (affective) 75%, knowledge (cognitive) by 64%, and skills (psychomotor) 68%. In the second cycle action which is an improvement of the post-test results in cycle I experienced an increase in the percentage of attitudes (affective) by 86%, knowledge (cognitive) by 89%, and skills (psychomotor) by 93%. Furthermore, in the information digging skills in the first cycle, the results obtained were 68% and increased in the second cycle to 93%. This is because the discovery learning model that is active during learning is the student while the teacher only acts as a facilitator. The conclusion obtained from this study is that the use of discovery learning models can improve self-confidence and learning outcomes of fifth grade students of SDN 054 Tikukur, Bandung. Thus the discovery learning model can be used as an alternative learning model and it is expected that the teacher can try to apply the learning model to other material in an effort to improve the quality of teaching in order to be better.*

*Keywords: Discovery Learning, Confidence, and Learning Outcomes*