**THE USE OF *DISCOVERY LEARNING* MODEL TO IMPROVE THE 5TH GRADE STUDENTS MOTIVATION AND LEARNING RESULT AT SUKAMULYA 1 PUBLIC ELEMENTARY SCHOOL IN SCIENCE TEACHING ON THE TOPIC OF HUMAN RESPIRATORY ORGAN**

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**ABSTRACT**

The research was conducted at Sukamulya 1 Public Elementary School, Langkaplancar Sub District, Pangandaran Regency. The subjects of the research are the 5th grade students totaled 19 persons. The research’s objective is to improve students’ motivation and learning result in science teaching on the topic of human respiratory organ by implementing *discovery learning* model. The research was initiated by the lack of students’ motivation and learning result. Based on early observation, the students were unable to understand the materials because they were buys chatting with their classmates, also the interesting media was insufficient and the use of learning model was not maximum. The research used discovery learning model consists of 6 steps which are; 1. stimulation, 2. problem statement, 3. data collection, 4. data processing, 5. verification, 6. generalization. The flows that are used in this research consist of 3 cycles. Each cycle consists of 2 meetings. According to the reflection that was carried out, the data shows that there has been improvement on each cycle; the evaluation of cycle I lesson plan is 71%, cycle II is 78%, and cycle III is 80%. Whereas the teaching implementation in cycle I is 76%, cycle II is 80%, and cycle III is 86%. The improvement of students’ learning motivation in cycle I is 52%, cycle II is 70%, and cycle III is 86%. While the students learning result in cycle I is 52%, cycle II is 78%, and cycle III is 94%. From the research, it is concluded that the use of discovery learning model in science teaching on the topic of human respiratory organ is able to improve the 5th grade students’ motivation and learning results at Sukamulya 1 Public Elementary School, Langkaplancar Sub District, Pangandaran Regency.

**Keywords:** *Discovery Learning* Model, Motivation Learning Result, Science Teaching on the Topic of Human Respiratory Organ.