**THE APPLICATION OF PROBLEM BASED LEARNING MODEL TO IMPROVE THE 5TH GRADE STUDENTS UNDERSTANDING THE CONCEPT AND LEARNING RESULTS AT KERTAYASA 2 PANGANDARAN REGENCY ELEMENTARY SCHOOL IN SCIENCE TEACHING ON THE TOPIC OF ANIMAL RESPIRATORY ORGAN FUNCTION**

**By**

**Ira Herawati**

**115060246**

**ABSTRACT**

The research’s objective is to improve students’ understanding the concept and learning result in science teaching on the topic of animal respiratory organ function by implementing problem based learning model. This type of research is classroom action research (PTK) Kemmis models and Mc Taggart. The subjects in this research is a learner class V elementary school Kertayasa 2 Pangandaran Regency, the number of 22 persons. This research was conducted in three cycles. Each cycle consists of two meetings. Data collection technique used observation, interviews, field notes, documentation and test. Data were analyzed with descriptive techniques for analyzing qualitative and quantitative descriptive results of observations to analyze the test results. The results showed that the application of the model problem based learning can improve the understanding of the concepts and learning outcomes of students. This can be seen from the assessment lesson plan (RPP) by 71% the first cycle, the second cycle of 76% and the third cycle of 86%. While the implementation of learning first cycle of 76%, 81% the second cycle and the third cycle by 85%. Improved understanding of the concept of learners is shown from the results of the cognitive, affective and psychomotor. Cognitive outcomes of students in the first cycle of 45%, 77% the second cycle and the third cycle of 90%. Affective outcomes of students in the first cycle of 41%, 77% the second cycle and the third cycle of 86%. Psychomotor results of students in the first cycle of 45%, 77% the second cycle and the third cycle of 95%. As for the improvement of student learning outcomes as a whole, in the first cycle reaches a percentage grade of 41%, the second cycle by 73% and the third cycle of 95%. Based on these results show that the model of problem-based learning can improve the understanding of the concepts and learning outcomes of students in class V SDN 2 Kertayasa Pangandaran Regency in science learning in the material functions respiratory organs of animals, so it can be used as an alternative model of learning science and can be suggested to teachers to implement a model of problem-based learning because it can improve the understanding of the concepts and learning outcomes of students in learning science.

Keywords: Problem Based Learning, Concept, Learning Result, Science Teaching on the Topic of Animal Respiratory Organ Function.