

**APPLICATION OF THE PROBLEM BASED LEARNING MODEL TO
IMPROVE STUDENT LEARNING RESULTS
IN THE ENERGY SOURCE SUBTEMA**

(Classroom Action Research in Class IV of Wanguk II Elementary School,
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ABSTRACT

This study aims to improve the learning outcomes of fourth grade students at SDN Wanguk II on energy source material. This research is motivated by the lack of student learning outcomes because the teacher does not provide opportunities for students to play an active role in learning, there are still many students' learning outcomes in the energy source material that have not yet reached the KKM and learning models used by teachers in conventional learning activities. The research used is Classroom Action Research (CAR) which consists of two cycles in its implementation. Each cycle consists of two learning by applying the Problem Based Learning model. Meanwhile, the stages of each cycle consist of the stages of planning, implementation, observation, and reflection. The results of the study showed an increase in student learning outcomes. In the first cycle the average score of student cooperation was 60.31 with the medium category and in the second cycle the average score of cooperation and learning outcomes was 75.99 with good categories. In the first cycle the average score of student learning outcomes on the pre test results was 62.2, with less categories and at the post test results of 70.2, with good categories. In the second cycle, the average score of learning outcomes in the pre test results was 61.6, with less categories and in the post test results of 74.2 with good categories. Based on the analysis of research data obtained in the field, it can be proposed that the use of the problem based learning model can improve the learning outcomes of fourth grade students in the material of energy sources. Thus the Problem Based Learning model can be used as one of the learning models applied by teachers in classroom learning activities in order to improve student learning outcomes.

Keywords: Problem Based Learning Model, Learning Outcomes.