**ABSTRACT**

**THE USE OF PROJECT-BASED LEARNING MODELS TO IMPROVE STUDENT ACHIEVEMENT ON THE THEME ALWAYS SAVE ENERGY SUBTHEME VARIOUS ENERGY SOURCES**

(Classroom Action Research on Learning 2 in Class IV Ampel 2 State Primary School II, District Ligung, Majalengka, Academic Year 2014/2015)

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The research project uses a model-based learning to improve student achievement on the theme always save energy subtheme various energy sources in Public Elementary School fourth grade Ampel 2 background with less motivated students to participate in learning activities, because students feel tired and bored to follow lessons given by teachers just lecture and theory without practice consequently decreased student achievement. This is evidenced by the results of pretest students in cycle 1 with a completeness of 20.8% and cycle 2 with 41.6% completeness. Therefore, it is necessary to change to improve learning outcomes, student activities and teacher's creativity in managing the learning process by using project-based learning models. This study uses two cycles where each cycle there is a planning, implementation, observation and reflection, the instrument used to collect the pieces of data observation, interviews, questionnaires and test sheets. Planning using project-based learning models emphasize the pattern of interaction and creativity of students in the group so that they can help each other understand the material, solve a problem and complete the project. The results of this study showed satisfactory results, it is seen from the learning outcome of students' understanding of the material. Posttest results in every cycle has increased. Mastery learning of students in cycle 1 with a percentage of 41.6% and cycle 2 with a percentage of 91.6%. Thus, the use of models of project-based learning can improve student achievement on the theme always save energy subtheme various energy sources.

Keywords: Project-based learning, Student Achievement