

**THE APPLICATION OF MODEL PROJECT BASED LEARNING
IN ENHANCE CREATIVITY AND RESULTS OF STUDENT
ON THE THEME OF ALWAYS SKIMP ENERGY
SUB THEMES A VARIETY OF ENERGY SOURCES**

**(Classroom Action Research Theme 2 Always Skimp Energy Sub Themes 1
A Variety of Energy Sources in Class IV SDN Leuwipanjang Bandung)**

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ABSTRACT

This research aims to improve creativity and student learning outcomes by using the model of project based learning at learning thematic sub theme of various energy sources. This research was carried out in class IV SDN Leuwipanjang and event will be based by the findings in observational activities where the way teachers teach is still using conventional methods, teacher dominated activities that cause less passive and students understand the material that was submitted. This research uses classroom action research (PTK) using the system cycle comprising planning, implementation, observation, analysis and reflection. This research was conducted in two cycles, to cycle 1 learning 1, 2, 3 and 2 cycle learning 4, 5, 6 by applying the learning project based learning model which consists of 6 stages, namely the determination of fundamental questions, designing the project planning, scheduling, monitoring the progress of the project, test results, and to evaluate the experience. The assessment used in this research is to know the results of the test engineering student learning, assessment and observation sheets creativity to know the activities of teachers and students during the learning process. The results showed an increase in the average value of the assessment of creativity and learning test results. On the assessment of the average value of the creativity cycle I namely 65.8 while cycle II reached the average value of 82.3. The results of the learning cycle I the average value that is 67, and the results of the learning cycle II average reached 81. This suggests that the use of project based learning can enhance creativity and student learning outcomes in learning thematic sub theme of various sources of energy on the class IV SDN Leuwipanjang. Thus, the use of project based learning model can be used as one of the learning models to be applied to the study of thematic subjects with others.

Keywords: project based learning, creativity, learning outcomes.