***THE APPLICATION OF PROBLEM BASED LEARNING MODEL TO IMPROVE THE ACTIVITY AND RESULTS OF STUDENT LEARNING IN SCIENCE SUBJECTS, THE MATERIAL OF THE EARTH AND THE UNIVERSE***

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***ABSTRACT***

*This class actions research aims to improve the quality of sains learning in Parungserab 2 elementary school, especially in 5th grade in the topic of the earth and the universe by applying a model of problem based learning. The research was distributed by findings in the observation that describes the low activity and learning outcomes of students who can’t get the standards that have been set. This class actions research takes in two cycles, each cycle consisting of 4 stages i.e planning, implementation and observation, evualuation and analysis as well as reflection. This instruments used in this research is the observation sheets, test, interviews and question form. From the results of the research action class that as implemented, the results of the student learning experience increased, the average score on first cycle for the pre test get 66,20, post test 68,96, and on the final evaluation of the learning get 67,75, and the average result on second cycle more increase than the previous. For the pre test 71,72, post test 84,4, and on the final evaluation of the learning get 83,6. In addition, any student learning activities has increased with the pescentage scale ranges from 0 to 100%. First cycle learning activities of students earn a percentage of 60% and an increase in second cycle to 91%. Conclusion of this research is the use of a model of problem based learning can improve student learning outcomes and activities in the material of the earth and the universe. Thus, the use of the problem based learning model can be used as an alternative approach to learning is applied to learning of science at primary school.*

*Keyword: Problem based learning, student activity, student learning result.*