**MODEL APPLICATION PROBLEM BASED LEARNING ON THE SUBJECT OF MATHEMATICS IN SUB SUBJECT DISCUSSION OPERATION CULCULATE PROPERTIES FOR IMPROVING LEARNING OUTCOMES GRADES IV SDN INPRES BIRU**

**By**

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**ABSTRACT**

Based on preliminary studies in class IV SDN Inpres Biru obtained information that mathematics learning outcomes in the material propreties operation count is very low. The law mathematics learning outcomes on the one cause among others appeal to the student’s mathematics courses still lacking. Researchers assume the problem based learning method the student will be encouraged to solve problem. this study Classroom Action Research (PTK). This research was conducted in august 2015 by two cycles with each silkus done as much as 2 meeting. The subject of this study is the fourth grade students of SDN Inpres Biru Bandung Resident. The research instrument used is the observation of student activity sheet, about test/evaluations are used to measure student learning outcomes in the material properties of operation count. The file was analyzed using quantitative analyzed and the test result and the qualitative formative student of observation of student learning activities. The result showed that the use of problem based learning method on learning arithmetic operation properties student learning outcomes can be improved. Based on these results, it can be suggested teachers should be able to use the methods of problem base learning is one of the methods alternatif to improve student learning outcomes.

Key words: Mathematics, properties operation count, learning outcomes.