APPLICATION OF REALISTIC MATHEMATICAL LEARNING MODEL (RML) TO IMPROVE STUDENT LEARNING OUTCOMES ON CLASS IV SDN 067 NILEM BANDUNG

(Classroom Action Research for IV Students Semester I SDN067NilemBandung)

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ABSTRACT

his study aims to improve student learning outcomes using the Realistic Mathematics Learning model for grade IV B SDN 067 Nilem Bandung students. This type of research is Collaborative Classroom Action Research (CAR). Researchers collaborate with researchers as implementing learning activities and class IV B teachers as observers or observers. The subjects of this study were fourth grade students of SDN 067 Nilem Bandung, 2018/2019 school year. The object of this study is to improve student learning outcomes through the application of Realistic Mathematics Learning models. Data collection in this study uses tests in the form of limited descriptions that are carried out at the end of each cycle, and observations made by researchers. Student and teacher activity data in learning were analyzed descriptively qualitative and student learning test data were analyzed quantitatively by presenting tables and percentages. The results of this study indicate that the application of Realistic Mathematics Education is carried out using PMR steps based on the characteristics of PMR namely the use of contextual problems, the use of models, student contributions, interactive activities, and the relevance of topics can improve student learning outcomes in grade IV B SDN 067 Nilem Bandung. This is evidenced by an increase in the average value of the assessment of learning test results. In the first cycle, the average value is 69.3, the average value in cycle II is 82.1 and the average score in cycle III is 86.6, this shows that the use of realistic mathematics learning models can improve student learning outcomes. in mathematics learning in class IV B SDN 067 Nilem Bandung. Thus the use of realistic mathematics learning models (PMR) can be used as a learning model to be applied to mathematics learning.

Keywords: *Realistic Mathematics Education, Learning Outcomes*