THE INFLUENCE OF THE PROBLEM BASED LEARNING MODEL ASSISTED WITH CANVA ON LEARNING OUTCOMES OF CLASS IV MATHEMATICS AT MI AL-ISLAM MAJALAYA

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ABSTRACT

The background to this research is that national education ideals and the concept of ideal education according to experts have not been implemented. This can be proven from direct conditions in the field where students' mathematics learning outcomes tend to be low. Conventional learning methods or learning systems that are still teacher-centered can have the impact of students becoming passive recipients of information, which reduces their capacity to dig deeper into the material being taught. The lack of opportunities given to students to construct their own knowledge affects student learning outcomes. The aim of this research is to determine the differences and influence between conventional classes (control class) and classes treated using the problem based learning model assisted by Canva (experimental class) on the learning outcomes of mathematics subjects for class IV students. This research uses a quantitative approach with a Quasi Experiment type research method and the research design used is Nonequivalent Control Group Design. The data collection techniques used are test techniques and observation techniques. Based on the research results, there is an increase in learning outcomes for mathematics subjects in the experimental class, this can be seen from the N Gain test with an average value of 61.35%, so H0 is rejected and H1 is accepted. This means that using the PBL model assisted by Canva is quite effective in improving student learning outcomes. There is an influence after using the treatment on the learning outcomes of students in the experimental class. This can be seen from the results of the Independent Sample T Test with a significance value of $0.025 < 0.05$, so H0 is rejected and H1 is accepted. This means that there is a significant difference between the average pretest and posttest results in the experimental class. Apart from that, there is also a large influence between the control class and the experimental class, this can be seen from the results of the effect size test which shows that the class that uses the treatment has an influence of 0.785, which means the influence of the Canva-assisted PBL model on mathematics learning outcomes is large. So it can be concluded that there is an influence after using the PBL model assisted by Canva on student learning outcomes.

Keywords: Learning Outcomes, Problem Based Learning, Canva