

**APPLICATION OF *DISCOVERY LEARNING* MODEL ASSISTED BY
QUIZIZZ APPLICATION TO IMPROVE LEARNING OUTCOMES IN
ELEMENTARY SCHOOL STUDENTS**

**(Quasi-Experimental Research of Class V SD Negeri 1 Langensari
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ABSTRACT

This study is motivated by learning strategies that are less appropriate too teacher centre, lack of concentration of students in learning, the use of media that is less than the maximum in the delivery of learning materials, not all students pay attention to the teacher's explanation because of the lack of applying varied methods in learning as a tool to avoid boredom of students and can attract students to learn, lack of motivation and play approach because play is the world of children therefore evidenced by the low learning outcomes of Social Studies. The purpose of this study was to determine the effect and learning outcomes of social studies between conventional classes and classes treated with the Discovery Learning model on the learning outcomes of fifth grade elementary school students. This research is a quasi-experimental research with the research design used is nonequivalent control group design. The samples used in this study were fifth grade students of SD Negeri 1 Langensari consisting of 2 classes, namely class V A as the control class and class V B as the experimental class with a total of 50 students. The data collection technique in this study was to use tests. Tests in the form of pretests and posttests given to each research sample class with the same questions. After the test data was obtained, the researcher analysed the data and showed that the average posttest in the experimental class was higher than the dick class. In addition, the analysis was carried out with the Independent Samples Test test with the help of the SPSS 26 application, obtained the results of the Sig value. (2-tailed) of $0.000 < 0.05$. The effect size test also found a result of 3.09 with an interpretation in the strong category, for an increase in learning outcomes with a strong effect and from the nGain data of 0.70 or 70% with a high category and in the control class the increase was 0.31 or 31% with a medium category. So it can be concluded that there is an increase in the learning outcomes of students who use the discovery learning model assisted by the Quizizz application to improve the learning outcomes of students who use conventional learning models.

Keywords: Discovery Learning, Learning Outcomes, Social Studies