

ABSTRACT

The Effect of Digital-Based Differentiated Learning on Student Learning Outcomes in Indonesian Class IV Subject at SDN Pajagalan II

Keywords: *Differentiated learning, learning outcomes, Indonesian*

This study aims to determine the effect of applying a digital-based differentiated learning model on student learning outcomes in grade IV Indonesian at SDN Pajagalan II. The diversity of characters and learning needs of students and the lack of creativity of educators in utilizing digital facilities available in the classroom make student learning outcomes less than optimal. The digital-based differentiated learning model is the best solution which in the learning process adapts to the learning needs and interests of students. This research was conducted at SDN Pajagalan II, Sumenep Regency, for the 2022/2023 academic year. The research method used is Pre-experimental Design in the form of One Group Pretest-Posttest. The sample consisted of 28 students who had 75% visual, 14% auditory, and 11% kinesthetic learning styles. Meanwhile, the students' interest was 28% about the Prophet, 28% Upin-Ipin, 22% mobile legend games, and 22% Naruto anime. The results of the study to test the hypothesis using non-parametric statistical tests, namely the Wilcoxon test, obtained a significance value of <0.05 , namely 0.000, so H_0 was rejected and H_a was accepted. Thus, it can be concluded that there is a positive influence on the application of digital-based differentiated learning models on student learning outcomes in class IV Indonesian at SDN Pajagalan II Sumenep.