THE EFFECT OF USING *COOPERATIVE LEARNING* MODEL *TEAM ASSISTED INDIVIDUALIZATION* (TAI) TOWARDS STUDENT LEARNING OUTCOMES

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ABSTRACT

The background of this study is the low student mathematics learning outcomes in SDN 1 Kertajaya due to the learning process that is still teacher-centered. The teacher is not yet an expert in applying learning models so that it causes a lack of student involvement in the learning process which results in students being slow in understanding the lesson. Therefore, new innovations in learning are needed by one of them using the Team Assisted Individualization (TAI) cooperative learning model. The purpose of this study was to determine the effect of the Team Assisted Individualization (TAI) model on student learning outcomes in class V SDN 1 Kertajaya. The research method used is a quasi-experimental design with nonequivalent control group design. Data collection techniques through testing, observation and documentation. The test used in the form of pretest and posttest which is used as student learning outcomes data. The sample used is the VA class as an experimental class using the Team Assisted Individualization (TAI) model and the VB class as a control class using conventional models. Data processing techniques were performed using the normality test, homogeneity test, the Mann Withney test, the normalized gain test, and the effect size test assisted with IBM SPSS Statistics 22 software. Based on the research results, an overview was obtained of the student learning process using the Team Assisted Individualization learning model (TAI) and a description of the learning process of students using conventional learning models with the lecture method, there are differences in learning outcomes between the experimental class and the control class with a significant value of 0.007 through the Mann Withney test, there is an increase in learning outcomes in the experimental class by 79% and 69% in control class through gain test, and there is the influence of the Teams Assisted Individualization (TAI) model of 0.61 which is categorized as large through the effect size test. Thus the Team Assisted Individualization (TAI) type of cooperative learning model has a major influence on student learning outcomes in class V SDN 1 Kertajaya.

Keywords: Teams Assisted Individualization (TAI) Learning Model, Student Learning Outcomes.