COMPARISON OF COOPERATIVE LEARNING
TYPE JIGSAW AND TYPE STAD
ON CLASS X IN MA MIFTAHUNNAJAH

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ABSTRACT

This study aims to determine the increase and differences in student learning outcomes between students who learn using the Jigsaw cooperative learning method and Student Team Achievement Definition (STAD) type in class X MA Miftahunnajah Ciranjang in the subject matter of Plantae Biology.

This research uses Quasi Experimental research using Two Group research design, Pretest-postets Control Group Design. The population in this study were students of class X at MA Miftahunnajah, with a total of 60 students. Data collection techniques used in this study use tests. Test the validity of the instrument using Product Moment correlation formula and instrument reliability with Kuder Richardson's formula. Analysis prerequisite test is the data normality test with Chi Square and variance homogeneity test. To find out the size of Jigsaw class achievements and STAD classes using the Central Tendency (average). The analysis technique uses N-Gain and to test the hypothesis using the Polled Variance t-test formula because the number of sample members is the same ($n1 = n2$) with a significance level of 5%.

The results showed that there were differences in the average learning achievement of the Jigsaw post test class of 80.00 and STAD class of 78.60 from the hypothesis test obtained t_count smaller than t_tabel (t_count = 0.9878 <t table = 2.001717). The results of the improvement in learning achievement can be seen from the Gain value of each class, namely Jigsaw class 0.660 in the medium category and STAD class 0.661 in the middle category, so that the class using the STAD method has a slightly higher learning outcome compared to the class using the Jigsaw method.

Key note : *Model Pembelajaran Jigsaw dan STAD.*