ABSTRACT

Nur Ainun Zahra. 2022. *THE EFFECT OF THE APPROACH TO RECIPROCAL TEACHING ON STUDENT LEARNING OUTCOMES ON STRAIGHT MOTION MATERIALS*

This research is motivated by the low student learning outcomes in physics subjects because learning is still carried out conventionally with the lecture method. Efforts made by researchers to overcome these problems are by applying the Reciprocal Teaching. The purpose of this study was to determine the effect of the reciprocal teaching approach on student learning outcomes in straight motion material in class X MIPA SMAN 7 Tasikmalaya in the 2022/2023 academic year. The research method used is a quasi-experimental research design with a posttest-only control design. The population of this study was all 6 classes of science class XI SMAN 7 Tasikmalaya with a total of 214 students. The research sample was taken using a cluster random sampling technique of 2 classes, namely class X MIPA 2 as experimental classes and class X MIPA 1 as control classe. The research instrument used is the C1-C4 cognitive realm multiple choice with a total of 24 questions on straight motion material. The instrument trial used a test of validity and reliability tests, while the data analysis techniques used were the prerequisite tests (normality test, homogeneity test) and hypothesis testing (t-test). The results of hypothesis testing using the t-test at the significance level ($\alpha = 0,05$) show that after the implementation of the Reciprocal Teaching, it is obtained that is $t_{count} > t_{tabel}$ ($2,75 > 1,67$) so that H_o is rejected. This means that at the 95% confidence level, it can be concluded that there is an effect of the Reciprocal Teaching on student learning outcomes in straight motion material in class X MIPA SMAN 7 Tasikmalaya in the 2022/2023 school year.

Keywords: Learning outcomes, Reciprocal teaching, Straight motion