

## KABSTRACT

*The Effect of Reciprocal Teaching Learning Model on Mathematical Reasoning Ability and Student Learning Outcomes of Class VIII MTs An-Nur Lenteng in the 2019/2020 Academic Year : 2020. Nur Suci Bahiyrah Sufvinia.*

*Keywords : Reciprocal Teaching Learning Model, Mathematical Reasoning Ability, Mathematics Learning Outcomes.*

*In learning mathematics there are various methods or methods that are continually being developed. The main objective is to improve students learning outcomes in mathematics. Therefor the teacher must have an appropriate way so that the objectives set can be achieved. One way is to use the right learning model. Reciprocal teaching learning model in this study is a way that can train students to be active and creative in learning.*

*This study aims to determine whether there is an influence of the Effect of Reciprocal Teaching Learning Model on Mathematical Reasoning Ability and Student Learning Outcomes of Class VIII MTs An-Nur Lenteng in the 2019/2020 academic year. This study uses an experimental approach that is pre experimental with a class VIII population at MTs An-Nur. The sampling technique used was simple random sampling. The research sample is class VIII-A as many as 15 students.*

*Data collection techniques using mathematical reasoning ability tests and mathematics learning achievement tests. While the data analysis technique used as statistical analysis using the N-gain test and t-test. Hypothesis testing with the t test obtained  $t_{hitung}$  is 3,28045 while in the table the value of  $t_{tabel}$  is 1,76131 at a significant level of 0,05, and degrees of freedom 14, so the value of  $t_{hitung}$  more than  $t_{tabel}$  this shows that  $H_0$  is rejected and  $H_a$  is accepted. Thus it can be concluded that there is an influence of The Effect of Reciprocal Teaching Learning Model on Mathematical Reasoning Ability and Student Learning Outcomes of Class VIII students of MTs An-Nur Lenteng in the 2019/2020 Academic Year.*