# ABSTRACT

***The Effect of the Treffinger Learning Model By Using Fractional Wheel Media On the Result of Student Learning in Mathematics Subject V grade SDN Manding Laok I. Hafida Fitriya***

*Keywords: Treffinger Model, Mathematics Learning, Learning result*

*This study aims to determine the effect of the Treffinger learning model through the use of the media of fractional wheels on student learning in Mathematics subject V grade SDN Manding Laok I. The result of the studied were in the form of student cognitive learning result. This research uses Quasi Experimental Design method with Nonequivalent Group Posttest Only Design research and these are carried out in SDN Manding Laok I with a population of students throughout class V with fraction addition learning materials. The sampling technique uses saturated sampling, with a sample of two namely class V-A as an experimental that class used Treffinger model and the second class V-B as a control class that used conventional models or as a comparison group. The data analysis technique used a free sample t-test using SPSS version 20. And the instruments werecognitive tests in the form of multiple choice. Based on the results of the study showed that the average post test value of the experimental class was 85.10 while the average value for the control class was 71.96. The results of the independent t-test or free sample obtained the value of -test $<t_{table}<t_{count}$, -3.765 $<2.004<3.765$. While based on the probability value (sig) obtained 0.00 $<0.05$. Then the results of the study showed that H0 was rejected and H1 was accepted, meaning that there was an effect of the treffinger learning model on the learning outcomes of fifth grade students of SDN Manding Laok I.*