

## ABSTRACT

Purnama Sari, Intan. 2013. Effectiveness of Jarimatika Learning to increase Numeracy Ability of Student TK Harapan in Trenggalek. Thesis, Faculty of Psychology, The State Islamic University Maulana Malik Ibrahim of Malang.  
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Numeracy is one of the skills that should be possessed by every individual in a daily life. Numeracy is one of science branch which related to the times. Mathematics problem that often faced by the children in schools is less of operate arithmetic skill. Although they are capable of, most of them less quickly and appropriately to help addition and subtraction problems, then by the Jarimatika study is expected to help improve the children ability to count on the subjects of mathematics, especially in addition and subtraction terms.

The purpose Jarimatika learning improving numeracy skills in Mutiara Harapan kindergarten during is a business that is already quite optimal because numeracy skills of children in Mutiara Harapan kindergarten is in the average stage before the Jarimatika learning methods. And numeracy skills of children increased dramatically after learning Jarimatika treated. So this has Jarimatika learning effectiveness in improving the numeracy skills of Mutiara Harapan kindergarten children.

This research using experimental method that examines the cause and effect by using by using experimental design one-group pretest-posttest. The samples in this study consisted of 29 boys and girls with a random sampling technique.

From the results of this research note that the effectiveness of Jarimatika learning is able to improve numeracy skills of children. Judging from the results of the pretest mean was 84.28, while the posttest was 98.21, with the increase of the posttest results, while seen from the results obtained by t test with a value of 7.0082 is greater than 2.05, then the hypothesis is accepted. That means using Jarimatika received treatment. So the conclusion that can be drawn is Jarimatika method can effectively improve the numeracy skills of children.