

## **ABSTRACT**

### **Nuraida “The Effect of Numeracy Program in Mathematics Learning on Learning Outcomes of Grade IV Students at SDN Pangarangan III”**

Keywords : Numeracy, Mathematic learning and Learning outcomes grade IV Student

This study aims to determine the effect of numeracy in mathematics learning on student learning outcomes and how much numeracy literacy affects students' critical thinking in learning Mathematics.

This research uses quantitative research using the type of pre experiment and with the research design of posttest only control group design. This research was conducted at SDN Pangarangan III, with the research target of class IV totaling 27 experimental class students and 28 control class students using quota samples. While the data collection techniques used were tests, observation and documentation. Then the data was analyzed and processed using SPSS version 22.

Based on the results of research, analysis and discussion obtained from the one-sample normality test obtained a significance value of  $0.200 > 0.005$  which means that the data is normally distributed, while the homogeneity test obtained a value based on mean of  $1.753 > 0.05$  which means homogeneous. The results of hypothesis analysis using the t test prove the effect of numeracy literacy on student learning outcomes. The coefficient of determination is carried out to determine how much influence numeracy has on student learning outcomes, and the coefficient of determination is  $2.474 \times 100\% = 24.74\%$ . Which means numeracy literacy affects 24.74% of student learning outcomes.