

## ABSTRACT

The purpose of this research is to determine the influence of number stick games on the cognitive abilities of 4-5-year-old children at TK Al Amanah NW in the 2023/2024 academic year. The type of research used in this study was quantitative research implementing an experimental method. The research design used was a pre-experimental design with a one group pre-test and post-test design. The research subjects were the children in group A at Tk Al Amanah, totaling 15 children. The instruments used to collect data were observation sheets and documentation. The research results show that the cognitive abilities of children during the pre-test amounted to 111 with an average percentage of 38% and were categorized as starting developing or *mulai berkembang* (MB). After the treatment with the number stick games, the post-test revealed a total cognitive ability of 170 with an average percentage of 59%, categorized as developing as expected or *berkembang sesuai harapan* (BSH). Additionally, it can be seen from the hypothesis test results that the t-count is 29.42 and the t-table score is 2.145, so the calculated t-count ( $29.42 > 2.145$ ). Therefore, it can be concluded that the influence of number stick games can effectively be used to develop the cognitive abilities of children at TK Al Amanah NW Karya.

**Key words** : Number stick game, the ability to recognize number symbols

