

ABSTRACT

The Effect of Using the Snakes and Ladders Educational Game Tool (APE) on Improving the Numeracy Skills of Grade 3 Students at SDN Marengan Laok 1

Keywords: Snakes and Ladders Educational Game Tool (APE), Counting Ability

This research aims to determine the effect of using snakes and ladders educational game tools (APE) on improving the numeracy skills of grade 3 students at SDN Marengan Laok 1. The background of this research is based on the importance of games in supporting children's growth, including numeracy skills. The snakes and ladders game was chosen as an educational medium because it can stimulate children's cognitive and motor skills through fun and interactive interactions. The type of research used was a one group pretest-posttest design, where a sample group consisting of 35 grade 3 students at SDN Marengan Laok 1 was given a pretest to measure numeracy skills before being given treatment and a posttest after being given treatment using the snake and ladder APE. The research instrument is a numeracy test with 20 multiple choice questions, which have been tested for validity and reliability. The results of the study showed that there was a significant increase in students' numeracy skills after using the Snakes and Ladders APE. The average pretest score was 50, while the average posttest score increased to 86. Hypothesis testing using the t test showed a calculated t-value of 11,949, greater than the t-table of 1,691, so the alternative hypothesis was accepted. The conclusion of this research is that the use of snakes and ladders APE has a positive and significant effect on improving the numeracy skills of grade 3 students at SDN Marengan Laok 1. This research recommends the use of snakes and ladders APE as an effective learning medium in mathematics subjects to increase students' interest and numeracy skills.