

Abstract

Objectives: This research aims to determine the differences in the interest and process skills of students in the traditional game of marbles towards learning mathematics in elementary schools. In addition, this study was also conducted to determine the relationship between interest and process skills in the traditional game of marbles on learning mathematics. **Methodology:** This study used a mixed method with the type of explanatory method. The sample of this research was carried out in January 2021 in Jambi Province, grade IV elementary school 13/1 Muaro Bulian, and grade IV elementary school 112/1 Muaro Bulian with a total of 60 students. This study used a questionnaire in the form of a questionnaire and a question form for interviews. In the analysis of quantitative data were analyzed using descriptive statistics.

Findings: From the results obtained, student interest influences student skills. This has been explained in the results obtained from hypothesis testing where the resulting significance value is <0.05 . Through this traditional game of marbles, students have a better understanding of the subject matter of mathematics. This is related to the interests and skills of students related to traditional games. **Implications to Research and Practice:** With the research findings, education can easily be adapted to the interests and skills of students related to traditional games, so that students can better preserve local wisdom. In addition, students will be able to understand lessons in education and would continue to use the traditional games that already exist in Indonesia.