

ABSTRACT

The Influence of the Active Knowledge Sharing Learning Strategy on the Understanding of Mathematical Concepts for Class IV Elementary School students in SDN Kalianget Timur VIII

Keywords: Active knowledge sharing strategy, and mathematical understanding

This research aims to find out whether there is an influence of active knowledge sharing learning strategies on the understanding of mathematical concepts in fourth grade elementary school students.

This research uses a quantitative type of research with an experimental method. The type of experimental research used is pre-experimental, because there is no control class and the sample was not chosen at random or randomly. This research uses a one-group pretest-posttest design. This research design is to carry out a pretest before treatment and a posttest after treatment. Data collection in this research used tests, questionnaires and documentation.

The research results show that the use of active knowledge sharing strategies in learning has an effect on the understanding of mathematical concepts in class IV students at SDN Kalianget Timur VIII. It can be seen based on the results of the average score from the pretest, namely 24.77 and for the posttest the average score was 76.62. The response obtained towards the active knowledge sharing learning strategy was that there were 69% of students Strongly Agree (SS) and 27% of students Agree (S), thus proving that the learning strategy is active. Knowledge sharing influences students' understanding of mathematical concepts.