

ABSTRAC
USE OF MANIPULATIVE OBJECTS MEDIA IMPROVE
MATHEMATICS LEARNING RESULTS
IN ELEMENTARY SCHOOL

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Mathematics is a subject that contains materials or ideas whose relationships are governed by logic and are abstract, so some parents say that mathematics is a subject that is still considered difficult to understand by students, thus a learning method is needed that makes students feel happy. The purpose of this study was to determine the scenario and implementation of the use of manipulative media, then to determine the responses of teachers and students to the use of manipulative media and further to determine the difficulties students experience in learning mathematics. The method used in this research is a library research method, namely research conducted by finding, exploring and collecting relevant data related to the theme to be discussed. This data can be obtained through books, journals, articles, documents and so on. The results show that the scenario and implementation of manipulative media use are generally relatively the same starting from explaining the material to be delivered, explaining the manipulative media that will be used in learning, explaining the functions of the manipulative media used, explaining the steps for using manipulative media used, then students solving problems with their own way and explore with manipulative media. Furthermore, it is known that most teachers and students respond positively to the use of manipulative media in improving mathematics learning outcomes. However, there are still difficulties that occur in students in learning mathematics due to the use of learning models that are not in accordance with learning objectives and student interest in mathematics subjects is still low. Thus it can be concluded that the use of manipulative object media is proven to improve mathematics learning outcomes, so the application of this learning media can be

used as an alternative for teachers to improve learning outcomes, especially in mathematics.

Keyword: Manipulative Object Media, Mathematics Learning Results