

ABSTRACT
IMPROVING LEARNING ACHIEVEMENT THROUGH REALISTIC
MATHEMATICS EDUCATION (RME) MODEL IN THEMATIC LEARNING
IN GRADE 4 STUDENTS OF PRIMARY SCHOOLS

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The aim of this study was to improve learning by analyzing and finding out: (1) learning implementation plan that could be implemented into thematic learning using RME model, (2) thematic learning using RME model, (3) implementation of evaluation using RME model, and (4) improvement of learning achievement of grade 4 students. The method used in this study was a three-phase classroom action research cycle. The subjects were teachers and grade 4 students. The data collection techniques used were observation and tests. The collected data were then analyzed using descriptive quantitative analysis. Results of this study are: (1) learning implementation designed using ASSURE model and RME model could (2) learning could enable learners to pay attention to their teacher's presentations, answer teacher's questions, asked questions and did discussion, and did tasks, (3) evaluation of instruments used essay tests with a validity value of 0.395, a reliability of 0.698, an average difficulty level of items, and a well acceptable discrimination power of items, and (4) student cognitive learning achievement reached a minimum completeness criteria of 77.78%, and improvement in both affective and skill domains.

Keywords: learning achievement, RME, thematic learning