

IDENTIFICATION OF MATHEMATICAL EDUCATION CURRICULUM MODELS AND ITS IMPLEMENTATION IN SCHOOL

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ABSTRACT

This study aims to develop mathematical education curriculum models for elementary school (SD), junior high school (SMP) and high school (SMA) levels with various learning models. In addition, this study aims to determine the effectiveness of the model developed in relation to its implementation in the classroom.

This research is research and development research. The research model used in this study is the ADDIE development model with the stages of Analysis, Design, Development, Implementation, and Evaluation. First, this research developed mathematical education curriculum models and then tested the models produced and improved those models if needed. The products produced are models of mathematics education curriculum with various approaches, namely learning trajectory, culture and meaningful learning for elementary school (SD), junior high school (SMP) and high school (SMA) levels. The empirical data suggested that the model developed have good quality in terms of validity, effectivity and practically.

Kata Kunci: *curriculum model, mathematics education, learning trajectory, culture, meaningful learning*