

ABSTRAK

PENGEMBANGAN MODUL MATEMATIKA MATERI BANGUN DATAR BERBASIS KEARIFAN LOKAL LEMBATA NTT PADA SISWA KELAS IV SD

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2024

Penelitian ini dilatarbelakangi oleh belum adanya modul pembelajaran matematika materi bangun datar berbasis kearifan lokal Lembata NTT yang diperuntukan keada siswa kelas IV SD. Penelitian ini bertujuan untuk mengembangkan modul matematika matematika materi bangun datar berbasis kearifan lokal Lembata NTT pada siswa kelas IV SD, mengetahui kualitas serta keterlaksanaan modul matematika.

Metode penelitian yang digunakan dalam penelitian ini adalah *Research and Development* (R&D). penelitian ini dilaksanakan dengan melibatkan tiga orang validator, dua orang guru untuk analisis kebutuhan, serta 10 orang siswa yang menjadi subjek dalam proses uji coba modul pembelajaran matematika materi bangun datar berbasis kearifan lokal Lembata NTT. Observasi dan wawancara merupakan teknik pengumpulan data yang di gunakan dalam penelitian ini. analisis data menggunakan analisis kualitatif dan juga analisis kuantitatif.

Hasil penelitian yakni (1) Model pengembangan ADDIE digunakan dalam pengembangan modul matematika materi bangun datar berbasis kearifan lokal Lembata NTT pada siswa kelas IV SD. (2) Kualitas modul matematika dengan skala Likert 1-4 termasuk dalam kriteria “sangat baik” dengan rerata skor yang di dapat 3,48 yang masuk dalam kategori “tidak perlu revisi”. Hasil perolehan rata-rata nilai pada sepuluh orang siswa adalah 74,67 yang termasuk dalam kategori “tinggi”

Kata kunci : Modul, Matematika , Bangun datar, kearifan lokal, Lembata NTT

ABSTRACT

DEVELOPMENT OF A MATHEMATICS MODULE FOR FLAT-BUILT MATERIALS BASED ON LOCAL WISDOM OF LEMBATA NTT FOR CLASS IV PRIMARY STUDENT.

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This research was motivated by the absence of a mathematics learning module for flat building materials based on local wisdom in Lembata, NTT, which was intended for fourth grade elementary school students. This research aims to develop a mathematics module for flat building materials based on local wisdom in Lembata NTT for fourth grade elementary school students, to determine the quality and implementation of the mathematics module.

The research method used in this research is Research and Development (R&D). This research was carried out involving three validators, two teachers for needs analysis, and 10 students who were subjects in the trial process of a mathematics learning module with flat building materials based on local wisdom in Lembata, NTT. Observation and interviews are data collection techniques used in this research. Data analysis uses qualitative analysis and also quantitative analysis.

The results of the research are (1) The ADDIE development model was used in developing a mathematical module for flat building materials based on local wisdom in Lembata NTT for fourth grade elementary school students. (2) The quality of the mathematics module on a Likert scale of 1-4 is included in the "very good" criteria with the average score obtained being 3.48 which is included in the "no need for revision" category. The average score obtained for ten students was 74.67 which was included in the "high" category.

Keywords: *Module, Mathematics, flat shape, local wisdom, Lembata NTT*