

Siti Masnunah. 2023. *Pengembangan Bahan Ajar Kopi Mama (Komik Pintar Matematika) Dengan Pendekatan Etnomatematika Budaya Madura Materi Bangun Datar*. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Ilmu Pendidikan Universitas Trunojoyo Madura. Rika Wulandari.

ABSTRAK

Tujuan penelitian dan pengembangan ini adalah untuk mengembangkan bahan ajar KoPi Mama (Komik Pintar Matematika) dengan pendekatan etnomatematika budaya Madura mata pelajaran matematika materi bangun datar segi banyak beraturan dan segi banyak tidak beraturan kelas IV SDN Kebun 2 untuk meningkatkan hasil belajar yang valid, praktis, dan efektif. Penelitian pengembangan ini menggunakan model ADDIE. Model ini memiliki 5 tahapan yaitu analisis (*analysis*), perancangan (*design*), pengembangan (*development*), implementasi (*implementation*), dan evaluasi (*evaluation*). Subjek penelitian ini adalah siswa kelas IV SDN Kebun 2. Berdasarkan hasil penelitian, perolehan penilaian validitas oleh: (1) ahli materi sebesar 80% (valid), (2) ahli desain pembelajaran sebesar 91% (sangat valid), (3) ahli bahan ajar sebesar 96% (sangat valid), dan (4) ahli Bahasa sebesar 85% (sangat valid).

Sedangkan untuk kepraktisan bahan ajar KoPi Mama berdasarkan hasil angket respon peserta didik 94% (sangat baik), angket respon guru 98% (sangat baik), dan observasi keterlaksanaan pembelajaran 91% (sangat baik). Keefektifan bahan ajar KoPi Mama dilihat dari ketuntasan belajar klasikal tes siswa diperoleh 100% (Tuntas) dan daya serap klasikal tes siswa diperoleh 90% (Tuntas). Berdasarkan hasil tersebut menunjukkan bahwa bahan ajar KoPi Mama (Komik Pintar Matematika) dengan pendekatan etnomatematika budaya Madura untuk meningkatkan hasil belajar dikatakan valid, praktis, dan efektif digunakan dalam pembelajaran.

Kata Kunci : Bahan ajar komik, etnomatematika, matematika, hasil belajar, ADDIE

Siti masnunah. 2023. *Development of KoPi Mama (Smart Math Comics) Teaching Materials Using The Ethnomathematics Approach To Madurese Culture*. Thesis, Elementary School Teacher Education Study Program, Faculty Of Education, University Of Trunojoyo Madura. Rika Wulandari.

ABSTRACT

This research and development aim to develop teaching materials for *KoPi Mama* (Smart Math Comics). The ethnomathematics approach of Madurese culture in the mathematics subject matter of regular polygons and irregular polygons in class IV SDN Kebun 2 to improve learning outcomes that are valid, practical, and effective. This development research uses the ADDIE model. This model has 5 stages: analysis, design, development, implementation, and evaluation. The subjects of this study were fourth-grade students at SDN Kebun 2. Based on the results of the research, the validity assessment was obtained by: (1) subject matter expert of 80% (valid), (2) learning design experts by 91% (very valid), (3) expert teaching materials by 96% (very valid), and (4) language experts at 85% (very valid).

As for the practicality of *KoPi Mama* teaching materials, based on the results of the student response questionnaire, 94% (very good), and the teacher's response questionnaire was 98% (very good). Observation of learning implementation was 91% (very good). The effectiveness of *KoPi Mama's* teaching materials was seen from the student's mastery of learning classical tests, which obtained 100% (Complete). The absorption of students' classical tests received 90% (Complete). These results show that *KoPi Mama* (Smart Math Comics) teaching materials with the Madurese cultural ethnomathematics approach to improve learning outcomes are said to be valid, practical, and effectively used in learning.

Keywords: Comic teaching materials, ethnomathematics, mathematics, learning outcomes, ADDIE