

Palupi, Rr. Indah. 2022. *Pengembangan E-LKPD Berbasis Etnomatematika Kabupaten Tuban Kelas IV Materi Pengukuran Sudut*. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Rika Wulandari, S.Pd., M.Pd..

ABSTRAK

Pada kegiatan pembelajaran matematika, baik guru dan peserta didik memerlukan bahan ajar pendamping. Penelitian pengembangan ini bertujuan untuk mengembangkan bahan ajar pendamping berupa E-LKPD Berbasis Etnomatematika Kabupaten Tuban yang valid, efektif dan menarik pada Kelas IV materi Pengukuran Sudut di SD Negeri Rengel I. Penelitian pengembangan ini memanfaatkan metode R&D (*Research & Development*) bermodel pengembangan ADDIE. Subjek dalam penelitian ini dibagi menjadi dua bagian, yaitu subjek uji coba produk kelompok kecil sebanyak 6 peserta didik berkemampuan heterogen dan subjek uji coba pemakaian kelompok besar sebanyak 22 peserta didik Kelas IV Tahun Ajaran 2021/2022. Hasil penelitian menyatakan bahwa: 1) Hasil uji kevalidan rata-rata dari validator adalah 86,88% kategori sangat valid, 2) Hasil uji keefektifan pada tahap uji coba produk kelompok kecil dan uji coba pemakaian kelompok besar tergolong kategori efektif, dan 3) Hasil uji kemenarikan pada tahap uji coba produk kelompok kecil dan uji coba pemakaian kelompok besar tergolong kategori sangat menarik. Oleh karena itu, dapat disimpulkan bahwa E-LKPD Berbasis Etnomatematika Kabupaten Tuban dapat dimanfaatkan sebagai bahan ajar pendamping dalam pembelajaran matematika di Kelas IV pada materi Pengukuran Sudut.

Kata kunci: E-LKPD, etnomatematika, pengukuran sudut

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ABSTRACT

In mathematics learning activities, both teachers and students need complementary teaching materials. This development research aims to develop complementary teaching materials in the form of E-LKPD Based on Ethnomathematics in Tuban Regency that are valid, effective and interesting in Class IV of Angle Measurement material at Rengel I Elementary School. This development research utilizes the R&D (Research & Development) method with the ADDIE development model. The subjects in this study were divided into two parts, namely the subject of small group product trials of 6 students with heterogeneous abilities and the trial subject of large group use of 22 Class IV students of the 2021/2022 academic year. The results of the study stated that: 1) The average validity test results from the validators were 86.88% in the very valid category, 2) The effectiveness test results at the small group product trial stage and the large group use trial were categorized as very effective, and 3) The results of the attractiveness test at the small group product trial stage and the large group use trial were categorized as very attractive. Therefore, it can be concluded that the E-LKPD Based on the Ethnomathematics of Tuban Regency can be used as a companion teaching material in learning mathematics in Class IV on the subject of Angle Measurement.

Keywords: *E-LKPD, ethnomathematics, angle measurement*