

Azka Nabilla Filandri, 2024. *Pengembangan Majalah Matematika Pecahan Berbasis Kearifan Lokal Surabaya Pada Siswa Fase C SDN Tembok Dukuh IV/86 Surabaya*. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Fachrur Rozie, S.Pd., M.Pd.

ABSTRAK

Tujuan penelitian pengembangan ini untuk mengetahui kevalidan, keefektifan, dan kemenarikan majalah matematika pecahan berbasis kearifan lokal Surabaya. Penelitian ini dilakukan pada siswa kelas V-A SDN Tembok Dukuh IV/86 Surabaya. Penelitian pengembangan ini menggunakan teknik pengumpulan data seperti observasi, wawancara, angket, dan tes. Penelitian dan pengembangan ini menggunakan model ADDIE dengan tahapan Analyze, Design, Development, Implementation, Evaluation. Kevalidan majalah matematika pecahan berbasis kearifan lokal Surabaya diperoleh dari validator ahli bahan ajar 92,5%, ahli materi 94,4%, ahli desain 92,5% dan memperoleh rata-rata presentase 93,6% dengan kategori sangat valid. Presentase keefektifan dari majalah matematika pecahan berbasis kearifan lokal Surabaya diperoleh dari observasi aktivitas guru dan siswa, hasil belajar siswa (kognitif). Hasil observasi aktivitas guru pada uji coba lapangan memperoleh 91,6% dengan kategori efektif, aktivitas siswa memperoleh 88% dengan kategori efektif, serta tes hasil belajar siswa diperoleh pada uji coba lapangan sebanyak 25 siswa dinyatakan tuntas mendapatkan nilai diatas KKTP 66 dan mendapatkan persentase sebesar 100% dalam kategori tuntas. Hasil kemenarikan majalah matematika pecahan berbasis kearifan lokal Surabaya diperoleh dari angket respon siswa pada uji coba lapangan memperoleh 94,4% (sangat menarik) dan angket respon guru memperoleh 90% (sangat menarik). Berdasarkan hasil penelitian maka majalah matematika pecahan berbasis kearifan lokal Surabaya dikatakan valid, efektif, dan menarik untuk digunakan dalam kegiatan belajar mengajar di kelas V-A SDN Tembok Dukuh IV/86 Surabaya.

Kata kunci: Majalah matematika, kearifan lokal, bahan ajar

Azka Nabilla Filandri, 2024. *Development of Fraction Mathematics Magazine Based on Surabaya Local Wisdom for Phase C Students of SDN Tembok Dukuh IV/86 Surabaya*. Thesis, Elementary School Teacher Education Program, Faculty of Education, Trunojoyo Madura University. Supervisor: Fachrur Rozie, S.Pd., M.Pd.

ABSTRACT

The aim of this development research is to determine the validity, effectiveness and attractiveness of a fractional mathematics magazine based on local wisdom in Surabaya. This research was conducted on class V-A students at SDN Tembok Dukuh IV/86 Surabaya. This development research uses data collection techniques such as observation, interviews, questionnaires and tests. This research and development uses the ADDIE model with the stages Analyze, Design, Development, Implementation, Evaluation. The validity of the fractional mathematics magazine based on local wisdom in Surabaya was obtained from validators, 92.5% teaching material experts, 94.4% material experts, 92.5% design experts and obtained an average percentage of 93.6% with a very valid category. The effectiveness percentage of the Surabaya local wisdom-based fraction mathematics magazine was obtained from observations of teacher and student activities, student learning outcomes (cognitive). The results of observing teacher activities in the field trial obtained 91.6% in the effective category, student activities obtained 88% in the effective category, and student learning outcomes tests obtained in the field trial were 25 students who were declared complete and got a score above KKTP 66 and obtained a percentage of 100% in the complete category. The results of the attractiveness of the fractional mathematics magazine based on local wisdom in Surabaya were obtained from the student response questionnaire in the field trial which obtained 94.4% (very interesting) and the teacher response questionnaire obtained 90% (very interesting). Based on the research results, the fractional mathematics magazine based on local wisdom in Surabaya is said to be valid, effective and interesting for use in teaching and learning activities in class V-A of SDN Tembok Dukuh IV/86 Surabaya.

Keywords: Mathematics magazine, local wisdom, teaching materials