

Yahya Zakariya WahyuPrianti. 2020. Pengembangan Komik Digital P3 (Penjumlahan dan Pengurangan Pecahan) Dalam Pembelajaran Matematika Kelas V Sekolah Dasar. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar. Fakultas Ilmu Pendidikan. Universitas Trunojoyo Madura. Pembimbing I: Fachrur Rozie, S.Pd., M.Pd. Pembimbing II: Ade Cyntia Pritasari, S.Pd., M.Pd

ABSTRAK

Tujuan penelitian pengembangan ini untuk mengetahui kevalidan, keefektifan, kemenarikan bahan ajar matematika berbasis komik digital pada materi penjumlahan dan pengurangan pecahan. Penelitian ini dilakukan pada kelas V di SDN Karangpakis II. Penelitian dan pengembangan ini menggunakan model 4D yang memiliki 4 tahapan yaitu *define*, *design*, *development*, dan *disseminate*. Persentase hasil validasi rata-rata memperoleh hasil 89% bahan ajar komik digital P3 dinyatakan dalam kategori sangat valid. Hasil keefektifan pada tahap uji coba lapangan implementasi ditinjau dari hasil belajar siswa memperoleh persentase sebesar 100% bahan ajar komik digital P3 dinyatakan dalam kategori efektif. Hasil kemenarikan pada tahap uji coba lapangan implementasi ditinjau dari angket respon siswa memperoleh persentase sebesar 94% bahan ajar komik digital P3 dinyatakan dalam kategori sangat menarik. Berdasarkan hasil penelitian maka bahan ajar komik digital P3 valid, efektif, dan menarik digunakan dalam pembelajaran matematika materi penjumlahan dan pengurangan pecahan kelas V SDN Karangpakis II.

Kata Kunci: Bahan ajar, komik digital, pembelajaran matematika, materi pecahan penjumlahan dan pengurangan.

Yahya Zakariya WahyuPrianti. 2020. Development of P3 Digital Comics (Addition and Subtraction of Fractions) in Mathematics Learning for Class V Elementary Schools. Thesis. Elementary School Teacher Education Study Program. Faculty of Science Education. University of Trunojoyo Madura. Advisor I: Fachrur Rozie, S.Pd., M.Pd. Advisor II: Ade Cyntia Pritasari, S.Pd., M.Pd

ABSTRACT

The purpose of this research is to determine the validity, effectiveness, and attractiveness of digital comic-based mathematics teaching materials on the addition and subtraction of fractions. This research was conducted in class V at Karangpakis II Elementary School. This research and development uses the 4D model which has 4 stages namely define, design, development, and disseminate. The percentage of validation results obtained an average of 89% of P3 digital comic teaching materials stated in the highly valid category. The effectiveness results at the implementation field trial stage in terms of student learning outcomes obtained a percentage of 100% of the P3 digital comic teaching materials expressed in the effective category. The attractiveness results at the implementation of the field trial stage in terms of the student questionnaire responses obtained a percentage of 94% of the P3 digital comic teaching materials stated in the very interesting category. Based on the results of the study, the P3 digital comic teaching materials are valid, effective, and interesting to be used in the mathematics learning of addition and subtraction material for grade V Karangpakis II Elementary School.

Keywords: Teaching materials, digital comics, mathematics learning, fraction addition and subtraction material.