

Rieke Dyah Ramadhani Saputri. 2025. *Pengembangan Media Kogika Materi Kelipatan Persekutuan Terkecil (KPK) dan Faktor Persekutuan Terbesar (FPB) Pada Siswa Kelas V di UPTD SD Negeri Labang*. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Rika Wulandar, S.Pd., M.Pd.

ABSTRAK

Tujuan penelitian ini yaitu untuk mengetahui tingkat kevalidan, keefektifan dan juga kemenarikan dari media Kogika materi kelipatan persekutuan terkecil (KPK) dan faktor persekutuan terbesar (FPB). Penelitian ini menggunakan penelitian R&D dengan model penelitian ADDIE dengan tahapan Analyze, Design, Development, Implementation dan Evaluation. Penelitian pengembangan ini menggunakan instrumen penelitian berupa pedoman wawancara, lembar observasi, lembar angket, dan tes. Adapun kevalidan produk diperoleh dari validator ahli media 98%, ahli materi pembelajaran 82%, ahli desain pembelajaran 93%%, dan ahli bahasa 96% dengan kategori sangat valid untuk kevalidan media pembelajaran, desain pembelajaran, dan bahasa serta kategori valid untuk kevalidan materi pembelajaran. Keefektifan produk diperoleh dari lembar observasi guru, lembar observasi siswa, dan tes hasil belajar siswa. Hasil persentase observasi guru 93% pada pertemuan pertama dan 97% pada pertemuan kedua dengan kategori aktif sedangkan hasil persentase observasi siswa memperoleh hasil 90% pada pertemuan pertama dan 91% pada pertemuan kedua dengan kategori aktif. Berdasarkan tes hasil belajar siswa memperoleh persentase hasil ketercapaian klasikal sebesar 100% dalam kategori siswa tercapai kriteria ketercapaian tujuan pembelajaran. Kemenarikan yang memperoleh persentase respon guru 100% dan siswa 90%, dalam kategori sangat menarik. Berdasarkan hasil penelitian ini, maka media kogika materi kelipatan persekutuan terkecil (KPK) dan faktor persekutuan terbesar (FPB) valid, menarik, dan efektif digunakan pada kelas V mata pelajaran Matematika.

Kata Kunci :Faktor Persekutuan Terbesar (FPB), Kelipatan Persekutuan Terkecil (KPK), Komik, Media Pembelajaran

Rieke Dyah Ramadhani Saputri. 2025. *Development of Kogika Media Material of the Smallest Common Multiple (KPK) and Largest Common Factor (FPB) in Grade V Students at UPTD SD Negeri Labang*. Thesis, Elementary School Teacher Education Study Program, Faculty of Teacher Training and Education, Trunojoyo University Madura. Supervisor: Rika Wulandari, S.Pd., M.Pd.

ABSTRACT

The purpose of this study is to determine the level of validity, effectiveness and attractiveness of kogika media material material of the smallest common multiple (KPK) and the largest common factor (FPB). This study uses R&D research with the ADDIE research model with the stages of Analyze, Design, Development, Implementation and Evaluation. This development research uses research instruments in the form of interview guidelines, observation sheets, questionnaire sheets, and tests. The validity of the product was obtained from 98% media expert validators, 82% learning material experts, 93% learning design experts, and 96% linguists with very valid categories for the validity of learning media, learning design, and language as well as valid categories for the validity of learning materials. The effectiveness of the product was obtained from teacher and student observation sheets and student learning outcome tests. The result of the teacher's observation percentage was 93% in the first meeting and 97% in the second meeting with the active category, while the result of the percentage of student observation obtained 90% in the first meeting and 91% in the second meeting with the active category. Based on the learning outcome test, students obtained a percentage of classical completeness results of 100% in the category of students who completed the criteria for achieving learning objectives. The attractiveness that obtained a response percentage of 100% teachers and 90% students, in the category was very attractive. Based on the results of this study, the kogika media material of the smallest common multiple (KPK) and the largest common factor (FPB) is valid, interesting, and effective used in class V of the Mathematics subject.

Keywords :Largest Federal Factor (FPB), Smallest Federal Multiple (KPK), Comics, Learning Media