

**PENGEMBANGAN MEDIA E-KOMIK BERORIENTASI KEARIFAN
LOKAL SENI BANGUNAN BALI UNTUK MENINGKATKAN
KEMAMPUAN BERPIKIR KRITIS SISWA PADA MATA PELAJARAN
MATEMATIKA MATERI PECAHAN KELAS V SD**

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ABSTRAK

Kemampuan berpikir kritis siswa kelas V masih kurang dikarenakan kurangnya fokus siswa, kesulitan menganalisis masalah, dan kurangnya minat terhadap matematika. Penelitian ini bertujuan untuk mengembangkan media e-komik berbasis kearifan lokal seni bangunan Bali yang valid, praktis dan efektif digunakan dalam proses pembelajaran. Jenis penelitian yaitu pengembangan model *ADDIE*. Objek penelitian adalah validitas, kepraktisan, dan efektivitas media. Subjek penelitian adalah 2 ahli media, 2 ahli materi, 3 praktisi, dan siswa. Metode dari pengumpulan data menggunakan non tes dan tes dengan instrument kuisioner dan tes pilihan ganda. Teknik analisis data menggunakan statistik kualitatif dan kuantitatif. Hasil penelitian memperoleh validitas menurut ahli materi sebesar 3,71 dan ahli media sebesar 3,35 yang termasuk ke dalam validitas kategori sangat baik. Berdasarkan uji kepraktisan, diperoleh respon praktisi 3,8 dan respon siswa sebesar 3,71 dengan kategori sangat baik. Berdasarkan uji efektivitas dengan analisis *Paired Sample T-Test* sampel berkolerasi diperoleh nilai signifikansi pada kolom *Sig.(2-tailed)* sebesar 0,000 yang berarti bahwa terdapat perbedaan yang signifikan kemampuan berpikir kritis siswa sebelum dan sesudah penggunaan media. Disimpulkan bahwa media e-komik berorientasi kearifan lokal seni bangunan Bali yang telah dikembangkan, dinyatakan valid, praktis, dan efektif meningkatkan kemampuan berpikir kritis, sehingga layak digunakan secara berkelanjutan pada kegiatan pembelajaran.

Kata Kunci: E-komik, Kearifan lokal, Berpikir Kritis

**DEVELOPMENT OF E-COMIC MEDIA ORIENTED TO LOCAL
WISDOM OF BALINESE BUILDING ART TO IMPROVE STUDENTS'
CRITICAL THINKING SKILLS IN MATHEMATICS SUBJECTS OF
FRACTION MATERIAL GRADE V ELEMENTARY SCHOOL**

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ABSTRACT

Critical thinking skills of grade V students are still lacking due to lack of student focus, difficulty analyzing problems, and lack of interest in mathematics. This research aims to develop e-comic media based on local wisdom of Balinese building art that is valid, practical and effective to use in the learning process. The type of research is the development of the ADDIE model. The object of the research is the validity, practicality, and effectiveness of the media. The research subjects were 2 media experts, 2 material experts, 3 practitioners, and students. The method of data collection uses non-test and test with questionnaire instruments and multiple choice tests. Data analysis techniques using qualitative and quantitative statistics. The results of the study obtained validity according to material experts of 3.71 and media experts of 3.35 which are included in the validity of the very good category. Based on the practicality test, the practitioner response was 3.8 and the student response was 3.71 with a very good category. Based on the effectiveness test with Paired Sample T-Test analysis of correlated samples, the significance value in the Sig. (2-tailed) column is 0.000, which means that there is a significant difference in students' critical thinking skills before and after using the media. It is concluded that the e-comic media oriented to local wisdom of Balinese building art that has been developed is valid, practical, and effective in improving critical thinking skills, so it is feasible to be used sustainably in activities.

Keywords: E-comics, Local Wisdom, Critical Thinking