

ABSTRAK

FIKRA: Pengembangan Media Ajar Melalui Model *Project-Based Learning* Berbantuan Aplikasi *Canva* Untuk Mendorong Berpikir Kreatif Dan Kolaborasi Siswa. **Program Studi Pendidikan Matematika FKIP Universitas Malikussaleh, 2026**

Pembelajaran materi Barisan dan Deret memerlukan media pembelajaran yang tidak hanya membantu siswa memahami konsep, tetapi juga mampu mendorong kemampuan berpikir kreatif dan keterampilan kolaborasi. Seperti yang ditunjukkan oleh hasil wawancara yang dilakukan di SMA Negeri 1 Muara Batu, siswa masih mengalami kesulitan untuk memahami materi, media berbasis teknologi belum diterapkan dalam pembelajaran secara optimal, model pembelajaran PjBL belum diterapkan. Penelitian ini bertujuan untuk mengkaji tingkat validitas, kepraktisan, dan keefektifan video pembelajaran berbantuan aplikasi Canva yang dikembangkan melalui model PjBL.

Penelitian dan pengembangan ini adalah model ADDIE sebagai acuan pengembangan. Subjek penelitian terdiri atas 34 siswa kelas X.II SMA Negeri 1 Muara Batu. Pengumpulan data dilakukan dengan memanfaatkan lembar validasi ahli materi dan ahli media, angket respons siswa, lembar observasi, tes kemampuan berpikir kreatif, serta angket keterampilan kolaborasi. Data yang diperoleh selanjutnya diolah dan dianalisis melalui metode kuantitatif serta kualitatif.

Hasil penelitian menunjukkan bahwa media ajar yang dikembangkan memenuhi kriteria validitas yang sangat baik. Validasi ahli materi memperoleh persentase sebesar 88% dan ahli media 92,71%, yang keduanya termasuk kategori "Sangat Valid". Tingkat kepraktisan media mencapai 89.12% dengan kategori "Sangat Praktis". Sementara itu, hasil uji keefektifan menunjukkan kemampuan berpikir kreatif siswa sebesar 62% dengan kategori "Efektif", sedangkan keterampilan kolaborasi mencapai 84% dengan kategori "Sangat Efektif". Dengan demikian, video pembelajaran berbantuan aplikasi Canva melalui model PjBL memenuhi kriteria valid, praktis, dan efektif sehingga layak diterapkan pada pembelajaran materi Barisan dan Deret untuk meningkatkan kemampuan berpikir kreatif serta keterampilan kolaborasi siswa.

Kata kunci: media ajar, video pembelajaran, *Project-Based Learning*, *Canva* , berpikir kreatif, kolaborasi.

ABSTRACT

FIKRA: *Development of Learning Media Through a Project-Based Learning Model Assisted by the Canva Application to Foster Students' Creative Thinking and Collaboration. Mathematics Education Study Program, FKIP Malikussaleh University, 2026.*

Learning media for the topic of Sequences and Series should not only help students understand mathematical concepts but also foster their creative thinking and collaboration skills. Based on interviews conducted at SMA Negeri 1 Muara Batu, students experienced difficulties in understanding the material, technology-based learning media had not been optimally implemented, and the Project-Based Learning (PjBL) model had not yet been applied. Therefore, this study aimed to examine the validity, practicality, and effectiveness of a Canva-assisted learning video developed using the Project-Based Learning (PjBL) model..

This research employed the Research and Development (R&D) method using the ADDIE model as the development framework. The subjects of this study were 34 students of Class X.II at SMA Negeri 1 Muara Batu. Data were collected through material and media expert validation sheets, student response questionnaires, observation sheets, creative thinking tests, and collaboration skills questionnaires. The collected data were then analyzed using quantitative and qualitative methods.

The results indicated that the developed learning media met the criteria for excellent validity. The material expert validation score reached 88%, while the media expert validation score was 92.71%, both categorized as "Very Valid." The practicality test obtained a score of 89%, which was classified as "Very Practical." Furthermore, the effectiveness test showed that students' creative thinking ability reached 62%, categorized as "Effective," while collaboration skills reached 84%, categorized as "Very Effective." Therefore, the Canva-assisted instructional video developed through the PjBL model met the criteria of being valid, practical, and effective. It is therefore suitable for use in teaching sequences and series to enhance students' creative thinking and collaboration skills.

Keywords: *instructional media, learning video, Project-Based Learning (PjBL), Canva , creative thinking, collaboration.*