

ABSTRAK

Faza ‘Adzima Chaudhury (1222050045), 2026 “Pengembangan E-LKPD Matematika Berbasis Qur’ani pada Materi Peluang”

Pembelajaran matematika pada materi Peluang yang masih cenderung berfokus pada kalkulasi prosedural serta belum memfasilitasi integrasi nilai-nilai Qur’ani menjadi latar belakang penelitian ini. Penelitian ini bertujuan untuk mendeskripsikan proses pengembangan serta menganalisis tingkat validitas dan kepraktisan E-LKPD Matematika Berbasis Qur’ani pada materi Peluang. Produk dirancang berbasis kerangka berpikir bahwa integrasi nilai Qur’ani dalam E-LKPD digital dapat menyajikan bahan ajar yang interaktif, kontekstual, dan menguatkan karakter religius peserta didik. Penelitian *Research and Development* (R&D) ini menerapkan model 3D (*Define, Design, Develop*). E-LKPD dikembangkan menggunakan platform Canva dan DocFly dalam format *PDF Form-Filler* interaktif. Subjek penelitian terdiri atas guru matematika, validator ahli media, validator ahli materi, validator ahli Al-Qur'an serta peserta didik. Data diperoleh melalui wawancara, lembar validasi, dan angket kepraktisan. Hasil penelitian menunjukkan bahwa proses pengembangan berjalan sistematis melalui tahap *define, design, dan develop*. Tingkat validitas E-LKPD memperoleh persentase ahli media, ahli materi, dan ahli Al-Qur'an dengan kriteria "Sangat Valid". Adapun tingkat kepraktisan pada uji skala kecil dan uji skala besar mencapai kriteria "Sangat Praktis". Dengan demikian, E-LKPD Matematika Berbasis Qur’ani pada materi Peluang dinyatakan sangat valid dan sangat praktis untuk digunakan sebagai media pembelajaran di sekolah.

Kata kunci: E-LKPD, Pembelajaran Matematika, Berbasis Qur’ani, Peluang, R&D

ABSTRACT

Faza 'Adzima Chaudhury (1222050045), 2026 “Development of Qur’anic-Based Mathematics E-LKPD on Probability Material”

Mathematics learning on Probability that predominantly focuses on procedural calculations and lacks the integration of Qur'anic values serves as the background of this research. This study aims to describe the development process and analyze the validity and practicality of the Qur'ani-Based Mathematics E-LKPD on Probability. The product is designed based on the framework that integrating Qur'anic values into digital E-LKPD can provide interactive, contextual teaching materials while strengthening students' religious character. This Research and Development (R&D) study applies the 3D model (Define, Design, Develop). The E-LKPD was developed using Canva and DocFly platforms in an interactive PDF Form-Filler format. The research subjects consisted of a mathematics teacher, expert validators (media, subject matter, and Al-Qur'an), and students. Data were gathered through interviews, validation sheets, and practicality questionnaires. The results indicated that the development process proceeded systematically through the define, design, and develop stages. The validity level of the E-LKPD obtained percentages from media, subject matter, and Al-Qur'an experts categorized as "Very Valid". Furthermore, the practicality level in both small-scale and large-scale trials achieved the "Very Practical" category. Consequently, the Qur'ani-Based Mathematics E-LKPD on Probability is declared highly valid and very practical for use as an instructional medium in schools.

Keywords: E-LKPD, Mathematics Learning, Qur’anic-Based, Probability, R&D