

ABSTRAK

Rahmawati, Anggia. 2026. *Pengembangan Media Pembelajaran Interaktif dengan Integrasi Permainan Edukatif Wordwall Berkonteks Kemaritimian pada Materi Aljabar Kelas VII*. Skripsi. Tanjungpinang: Jurusan Pendidikan Matematika, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Maritim Raja Ali Haji. Pembimbing I: Dr. Nur Izzati, S.Pd., M.Si. Pembimbing II: Roma Doni Azmi, S.Pd.I., M.Ed.

Kata Kunci: Pengembangan, Media Pembelajaran Interaktif, Wordwall, Konteks Kemaritimian, Aljabar.

Penelitian ini bertujuan untuk menghasilkan media pembelajaran interaktif dengan integrasi permainan edukatif *Wordwall* berkonteks kemaritimian pada materi aljabar untuk siswa kelas VII yang valid dan praktis. Penelitian ini merupakan jenis penelitian *Research and Development* (R&D) yang menggunakan model 4D yang dibatasi hingga tahap *Development*. Teknik pengumpulan data dilakukan melalui angket dan wawancara. Instrumen yang digunakan meliputi lembar validasi oleh ahli media, materi, dan bahasa, serta lembar praktikalitas untuk guru dan siswa. Teknik analisis data menggunakan metode analisis kualitatif dan kuantitatif. Hasil penelitian menunjukkan bahwa media pembelajaran yang dikembangkan memperoleh nilai validasi rata-rata sebesar 90,5% dengan kategori "sangat valid," yang terdiri atas penilaian ahli media (94,17%), ahli materi (93,33%), dan ahli bahasa (84%). Kepraktisan media dinilai sangat positif oleh guru matematika dan siswa dengan rata-rata sebesar 92,84% yang termasuk dalam kategori "sangat praktis," dengan rincian respon guru (94,29%) dan respon siswa (91,39%). Berdasarkan hasil tersebut, media pembelajaran interaktif dengan integrasi permainan edukatif *Wordwall* berkonteks kemaritimian pada materi aljabar kelas VII dinyatakan valid dan praktis untuk digunakan dalam proses pembelajaran matematika.

ABSTRACT

Rahmawati, Anggia. 2026. *Development of Interactive Learning Media Integrated with Wordwall Educational Games in a Maritime Context for Grade VII Algebra*. Thesis. Tanjungpinang: Department of Mathematics Education, Faculty of Teacher Training and Education Raja Ali Haji Maritime University. First Advisor: Dr. Nur Izzati, S.Pd., M.Si. Second Advisor: Roma Doni Azmi, S.Pd.I., M.Ed

Keywords: Development, Interactive Learning Media, Wordwall, Maritime Context, Algebra.

This study aimed to develop interactive learning media integrated with Wordwall educational games in a maritime context for Grade VII algebra that are valid and practical. This research employed the Research and Development (R&D) method using the 4D development model, which was limited to the Development stage. Data were collected through questionnaires and interviews. The research instruments consisted of validation sheets completed by media, material, and language experts, as well as practicality questionnaires for teachers and students. The data were analyzed using qualitative and quantitative analysis techniques. The results indicated that the developed interactive learning media achieved an average validity score of 90.5%, which falls into the "very valid" category. The validity assessment consisted of evaluations from media experts (94.17%), material experts (93.33%), and language experts (84%). The practicality evaluation also showed highly positive results, with an average score of 92.84%, categorized as "very practical," consisting of teacher responses (94.29%) and student responses (91.39%). Based on these findings, the interactive learning media integrated with Wordwall educational games in a maritime context for Grade VII algebra were considered valid and practical for use in mathematics learning.