

ABSTRAK

Sara Novianita, NIM 4171111047 (2021), Pengembangan Media Pembelajaran Berbasis *Android* Menggunakan *Articulate Storyline* Pada Materi Bangun Ruang Sisi Datar.

Penelitian ini bertujuan untuk mengetahui kevalidan, kepraktisan, dan keefektifan media pembelajaran berbasis *android* menggunakan *articulate storyline* pada materi bangun ruang sisi datar yang dikembangkan. Penelitian ini merupakan penelitian pengembangan atau *Research and Development (R&D)* dengan menggunakan model pengembangan ADDIE (*Analysis, Design, Development, Implementation, Evaluation*). Teknik pengumpulan data menggunakan lembar angket penilaian ahli materi, ahli media, praktisi pembelajaran dan respon siswa. Validasi media pembelajaran dilakukan oleh 2 dosen jurusan matematika dan 6 guru matematika SMP Negeri 1 Batang Kuis. Media yang dikembangkan diujicobakan kepada 34 siswa kelas VIII SMP Negeri 1 Batang Kuis. Hasil penelitian menunjukkan bahwa media pembelajaran berbasis *android* menggunakan *articulate storyline* pada materi bangun ruang sisi datar memperoleh rata-rata persentase 87,25% dengan kriteria “sangat valid” oleh penilaian ahli materi dan ahli media, memperoleh rata-rata persentase 87,24% dengan kriteria “sangat praktis” oleh penilaian praktisi pembelajaran, dan memperoleh rata-rata persentase 84,28% dengan kriteria “sangat efektif” oleh penilaian siswa. Media pembelajaran juga dikatakan efektif jika dilihat dari skor hasil belajar siswa yaitu diperoleh persentase ketuntasan sebesar 100%. Dengan demikian berdasarkan hasil penilaian ahli materi, ahli media, praktisi pembelajaran, dan siswa dapat dikatakan bahwa media pembelajaran berbasis *android* menggunakan *articulate storyline* pada materi bangun ruang sisi datar telah teruji valid, praktis dan efektif untuk digunakan dalam pembelajaran.

Kata Kunci: Pengembangan, Media Pembelajaran, *Android*, *Articulate Storyline*.



ABSTRACT

Sara Novianita, NIM 4171111047 (2021), *Development of Based Learning Media Android- Using Articulate Storyline in the Material of Building Flat Sided Space.*

This study aims to determine the validity, practicality, and effectiveness of-based learning media android using articulate storylines on the flat-sided space structure developed. This research is a research development or Research and Development (R&D) using the ADDIE development model (Analysis, Design, Development, Implementation, Evaluation). The data collection technique used a questionnaire on the assessment of material experts, media experts, learning practitioners and student responses. The validation of learning media was carried out by 2 lecturers in the department of mathematics and 6 mathematics teachers at SMP Negeri 1 Batang Kuis. The developed media was tested on 34 eighth grade students of SMP Negeri 1 Batang Kuis. The results showed that-based learning media android using articulate storylines on flat-sided space building materials obtained an average percentage of 87,25% with the criteria of "very valid" by the assessment of material experts and media experts, obtaining an average percentage of 87,24% with the criteria of "very practical" by the assessment of learning practitioners, and obtained an average percentage of 84,28% with the criteria of "very effective" by student assessments. Learning media is also said to be effective if it is seen from the score of student learning outcomes, namely the percentage of completeness is 100%. Thus, based on the results of the assessment of material experts, media experts, learning practitioners, and students, it can be said that-based learning media android using articulate storylines on flat-sided building materials have been tested to be valid, practical and effective for use in learning.

Keywords: *Development, Learning Media, Android, Articulate Storyline.*

