

ABSTRAK

Putri, Fadilla Risky. 2024. “ Pengembangan Media Pembelajaran Interaktif Berbantuan *Google Sites* Pada Materi *Array* Di SMK Negeri 1 Muaro Jambi”. Program Studi Magister Teknologi Pendidikan Pascasarjana Universitas Jambi. Tesis. Pembimbing (I) Bunga Ayu Wulandari S.Pd, M. EIL, Ph.D. Pembimbing (II) Dr. Sofyan, M.Pd.

Kata Kunci: *Media Pembelajaran Interaktif, Materi Array, Google Sites*

Tujuan penelitian ini adalah mengembangkan media pembelajaran yang interaktif dan mengetahui tingkat kelayakan dan kemenarikan dalam mendukung proses pembelajaran. Metode penelitian yang digunakan adalah Research and Development. Prosedur pengembangan ini mengacu pada Lee dan Owens (2004) dengan tahapan *multimedia needs assessment and analysis, multimedia instructional design, multimedia instructional development & implementation, multimedia evaluation*. Subjek penelitian adalah peserta didik dari SMK Negeri 1 Muaro Jambi yang berusia 15-18 tahun yang terletak di Desa Tunas Mudo, Kecamatan Sekernan, Kabupaten Muaro Jambi. Untuk menilai produk berdasarkan landasan teoritis dan konsep maka akan diterapkan validasi ahli media dan ahli materi. Untuk melihat kelayakan secara praktik digunakan angket hasil uji lapangan kepada peserta didik Di SMK Negeri 1 Muaro Jambi. Hasil alpa tes dari ahli multimedia sebesar persentase 80%, media pembelajaran dianggap layak dengan perlu revisi kecil dan data hasil penilaian oleh ahli materi yang menunjukkan dengan kategori sangat baik dan didapat angka persentase 97.08% sehingga produk dapat digunakan untuk uji lapangan. Data beta tes yaitu penilaian guru mata pelajaran terhadap media pembelajaran didapat persentase 96% sehingga dapat dikategorikan layak untuk digunakan sebagai media pembelajaran dan hasil angket peserta didik di kelas X TKJ I dan X TKJ II sama -sama didapat didapat persentase 89% dengan kategori sangat layak. Sehingga dapat disimpulkan media pembelajaran *google site* pada materi *array* ini dapat digunakan dan mendukung dalam proses pembelajaran.

ABSTRACT

Putri, Fadilla Risky. 2024. "Development Of Interactive Learning Media Assisted By Google Sites On Array Material AT SMK Negeri 1 Muaro Jambi". Jambi University Postgraduate Educational Technology Masters Study Program. Thesis. Supervisor (I) Bunga Ayu Wulandari S.Pd, M. EIL, Ph.D. Supervisor (II) Dr. Sofyan, M.Pd.

Keywords: *Interactive Learning Media, Array Material, Google Sites*

The aim of this research is to develop interactive learning media and determine the level of feasibility and attractiveness in supporting the learning process. The research method used is Research and Development. This development procedure refers to Lee and Owens (2004) with the stages of multimedia needs assessment and analysis, multimedia instructional design, multimedia instructional development & implementation, multimedia evaluation. The research subjects were students from SMK Negeri 1 Muaro Jambi aged 15-18 years located in Tunas Mudo Village, Sekernan District, Muaro Jambi Regency. Product assessment is based on theoretical and conceptual foundations and will be validated by media experts and material experts. The practical feasibility test used a field test results questionnaire for students at SMK Negeri 1 Muaro Jambi. The alpha test results from multimedia experts were a percentage of 80%, the learning media was considered appropriate with the need for minor revisions and the data from the assessment results by material experts showed it was in the very good category and a percentage figure of 97.08% was obtained so that the product could be used for field tests. Beta test data, namely the subject teacher's assessment of learning media, obtained a percentage of 96% so that it can be categorized as suitable for use as learning media and the results of student questionnaires in classes X TKJ I and X TKJ II both obtained a percentage of 89% with a very appropriate category. . So it can be concluded that the google site learning media in this array material can be used and supports the learning process.