

**PENGEMBANGAN MEDIA BUKU ENSIKLOPEDIA DIGITAL
BERBASIS KEARIFAN LOKAL TUMPEK WARIGA MATERI BAGIAN
TUBUH TUMBUHAN MUATAN IPAS KELAS IV SD NEGERI 1
PERINGSARI**

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ABSTRAK

Penelitian ini bertujuan untuk (1) mendeskripsikan rancang bangun media buku ensiklopedia digital berbasis kearifan lokal Tumpek Wariga materi bagian tubuh tumbuhan muatan IPAS kelas IV SD Negeri 1 Peringsari, (2) mengetahui validitas media buku ensiklopedia digital berbasis kearifan lokal Tumpek Wariga materi bagian tubuh tumbuhan muatan IPAS kelas IV SD Negeri 1 Peringsari (3) mengetahui efektivitas media buku ensiklopedia digital berbasis kearifan lokal Tumpek Wariga materi bagian tubuh tumbuhan muatan IPAS kelas IV SD Negeri 1 Peringsari. Penelitian ini menggunakan model pengembangan ADDIE (*Analyze, Design, Development, Implementation, Evaluation*). Metode pengumpulan data menggunakan metode kuisisioner dan tes. Hasil analisis data pada penelitian ini, yaitu (1) rancang bangun media buku ensiklopedia digital berbasis kearifan lokal Tumpek Wariga berdasarkan penilaian dari ahli rancang bangun sebesar 93,18% dengan kualifikasi sangat baik, (2) media buku ensiklopedia digital berbasis kearifan lokal Tumpek Wariga dinyatakan layak berdasarkan penilaian dari ahli isi/materi pembelajaran sebesar 93,18% dengan kualifikasi sangat baik, hasil penilaian ahli desain pembelajaran sebesar 95,46% dengan kualifikasi sangat baik, hasil penilaian ahli media sebesar 96,60% dengan kualifikasi sangat baik, hasil penilaian uji coba perorangan sebesar 93,33% dengan kualifikasi sangat baik, dan hasil penilaian uji kelompok kecil sebesar 95,05% kualifikasi sangat baik. (3) efektivitas media buku ensiklopedia digital berdasarkan hasil analisis menggunakan rumus uji-t *sample dependent*, diperoleh nilai $t_{hitung} = 20,97$ sedangkan nilai t_{tabel} dengan $dk = n-1 = 18-1 = 17$ pada taraf signifikansi 5% diperoleh sebesar 2,11). Hasil tersebut menunjukkan $t_{hitung} > t_{tabel}$ sehingga H_0 ditolak dan H_1 diterima. Jadi dapat disimpulkan bahwa media buku ensiklopedia digital berbasis kearifan lokal Tumpek Wariga efektif untuk diterapkan pada materi bagian tubuh tumbuhan muatan IPAS kelas IV SD Negeri 1 Peringsari.

Kata Kunci: Ensiklopedia Digital, IPAS, Tumpek Wariga, Media Pembelajaran, Bagian Tubuh Tumbuhan

**DEVELOPMENT OF DIGITAL ENCYCLOPEDIA BOOK MEDIA BASED
ON LOCAL WISDOM OF TUMPEK WARIGA ON PLANT BODY PARTS
SCIENCE CONTENT FOR GRADE IV OF STATE ELEMENTARY
SCHOOL 1 PERINGSARI**

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ABSTRACT

This research aims to (1) describe the media design of a digital encyclopedia book based on local wisdom, Tumpek Wariga, material on plant body parts, science content for class IV SD Negeri 1 Peringsari, (2) determine the validity of the digital encyclopedia book media based on local wisdom, Tumpek Wariga, material on plant body parts, science content, class IV, SD Negeri 1 Peringsari, (3) determine the effectiveness of the digital encyclopedia book media based on local wisdom, Tumpek Wariga, material on plant body parts, science content, class IV, SD Negeri 1 Peringsari. This research uses the ADDIE (Analyze, Design, Development, Implementation, Evaluation) development model. The data collection method uses questionnaires and tests. The results of data analysis in this research are (1) the design of a digital encyclopedia book media based on local wisdom in Tumpek Wariga based on an assessment from design experts of 93.18% with very good qualifications. (2) the digital encyclopedia book media based on local wisdom in Tumpek Wariga was declared feasible based on the assessment of content/learning material experts of 93.18% with very good qualifications, the results of the learning design expert's assessment of 95.46% with very good qualifications, the results of the media expert's assessment of 96.60% with very good qualifications, the results of the individual trial assessment of 93.33% with very good qualifications, and the results of the small group test assessment of 95.05% with very good qualifications. (3) the effectiveness of the digital encyclopedia book media based on the results of analysis using the sample dependent t-test formula, the $t_{count} = 20.97$ was obtained, while the t_{table} value with $dk = n-1 = 18-1 = 17$ at the 5% significance level was obtained at 2.11). These results show $t_{count} > t_{table}$ so that H_0 is rejected and H_1 is accepted. So it can be concluded that the digital encyclopedia book media based on Tumpek Wariga local wisdom is effective for application to material on plant body parts in class IV science class SD Negeri 1 Peringsari.

Keywords: *Digital Encyclopedia, IPAS, Tumpek Wariga, Learning Media, Plant Body Parts*