

**PENGEMBANGAN BAHAN AJAR *E-BOOK* BERBASIS
KONTEKSTUAL PADA MATERI IPAS MUATAN GAYA
DI SEKITAR KITA UNTUK SISWA KELAS IV
TAHUN AJARAN 2023/2024
DI SD NO. 4 JIMBARAN**

Oleh:

Sayyidati Safira Salma Salsabila, NIM 2011031298

Jurusan Pendidikan Dasar

ABSTRAK

Penelitian ini dilatarbelakangi oleh kurangnya variasi bahan ajar yang dimiliki guru pada mata pelajaran IPAS. Bertujuan untuk (1) mengetahui rancang bangun *E-Book* berbasis pada materi IPAS muatan Gaya di Sekitar Kita, (2) mengetahui kelayakan *E-Book* menurut review para ahli serta subjek uji coba dan (3) mendeskripsikan efektivitas *E-Book* berbasis pada materi IPAS muatan Gaya di Sekitar Kita dengan analisis data statistik inferensial uji-t satu sampel. Tipe penelitian pengembangan (RnD) ini menggunakan model pengembangan ADDIE. Metode pengumpulan data yang digunakan adalah observasi, wawancara, kuisioner dan tes. Teknik analisis data yang digunakan adalah Teknik deskriptif kualitatif dan kuantitatif. Hasil penelitian adalah (1) rancang bangun *E-Book* berbasis pada materi IPAS muatan Gaya di Sekitar Kita disajikan secara elektronik berbentuk link *hayzine* yang bisa diakses melalui komputer/laptop dan *handphone*. (2) *E-Book* dinyatakan layak berdasarkan penilaian ahli isi/materi pelajaran memperoleh kualifikasi sangat layak (95%), ahli desain instruksional memperoleh kualifikasi sangat layak (92,85%), ahli media pembelajaran memperoleh kualifikasi sangat layak (90%), uji coba perorangan memperoleh kualifikasi sangat layak (90%) dan uji coba kelompok kecil memperoleh kualifikasi sangat layak (94,16%). (3) Hasil uji efektivitas yang dianalisis dengan menggunakan statistik inferensial Teknik uji-t satu sampel memperoleh hasil t_{hitung} 3,491, dengan $df = n - 1 = 30 - 1 = 29$ pada taraf signifikansi 5% t_{tabel} 1,699, maka $t_{hitung} = 3,491 > t_{tabel} = 1,699$. Hasil tersebut menunjukkan bahwa H_0 ditolak dan H_1 diterima, sehingga hasil belajar siswa mendapatkan rata-rata 83,5 dinyatakan lebih dari 75 (KKTP). Sehingga dapat disimpulkan bahwa *E-Book* berbasis kontekstual efektif dan layak diterapkan dalam proses pembelajaran mata pelajaran IPAS muatan gaya di sekitar kita untuk siswa kelas IV tahun ajaran 2023/2024 di SD No. 4 Jimbaran.

Kata Kunci: *E-Book*, pengembangan, ADDIE, IPAS

ABSTRACT

This research is motivated by the lack of variety in teaching materials that teachers have in science and science subjects. Aims to (1) find out the design of an E-Book based on the IPAS material containing Styles Around Us, (2) determine the feasibility of the E-Book according to expert reviews and test subjects and (3) describe the effectiveness of the E-Book based on the IPAS material charge of the Forces Around Us with one-sample t-test inferential statistical data analysis. This type of research and development (RnD) uses the ADDIE development model. The data collection methods used are observation, interviews, questionnaires and tests. The data analysis techniques used are qualitative and quantitative descriptive techniques. The results of the research are (1) the design of an E-Book based on IPAS material containing Styles Around Us, presented electronically in the form of a hayzine link that can be accessed via computer/laptop and cellphone. (2) E-Books are declared suitable based on the assessment of content/subject matter experts who have obtained very good qualifications (95%), instructional design experts have obtained very good qualifications (92.85%), instructional media experts have obtained very good qualifications (90%), individual trials obtained very decent qualifications (90%) and small group trials obtained very decent qualifications (94.16%). (3) The effectiveness test results were analyzed using inferential statistics. One sample t-test technique obtained a t_count of 3.491, with $df = n - 1 = 30 - 1 = 29$ at a significance level of 5% $t_{table} 1.699$, then $t_{count} = 3.491 > t_{tabel} = 1,699$. These results show that H_0 is rejected and H_1 is accepted, so that student learning outcomes get an average of 83.5 which is stated to be more than 75 (KKTP). So it can be concluded that contextually based E-Books are effective and suitable for application in the learning process of science and science subjects containing styles around us for class IV students in the 2023/2024 academic year at SD No. 4 Jimbaran.

Keywords: E-Book, development, ADDIE, IPAS