

PENGEMBANGAN E-LKPD INTERAKTIF BERBASIS *STUDENT TEAM-ACHIEVEMENT DIVISION* MATERI PERUBAHAN WUJUD ZAT MUATAN IPAS KELAS IV SD NO. 3 SANGEH

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ABSTRAK

Penelitian ini bertujuan untuk (1) mengetahui rancang bangun media E-LKPD Interaktif Berbasis *Student Team-Achievement Division* Materi Perubahan Wujud Zat Muatan IPAS Kelas IV SD No. 3 Sangeh., (2) mengetahui kelayakan hasil media E-LKPD Interaktif Berbasis *Student Team-Achievement Division* Materi Perubahan Wujud Zat Muatan IPAS Kelas IV SD No. 3 Sangeh menurut *review* para ahli dan uji coba produk, dan (3) mengetahui efektivitas E-LKPD Interaktif Berbasis *Student Team Achievement Division* dalam meningkatkan pemahaman siswa terhadap materi tersebut. Penelitian ini menggunakan model pengembangan ADDIE yang terdiri dari lima tahap, yaitu (a) analisis, (b) perancangan, (c) pengembangan, (d) implementasi, dan (e) evaluasi. Pengumpulan data dilakukan melalui kuesioner dan tes, dengan teknik analisis data menggunakan pendekatan kuantitatif, dan statistik inferensial. Hasil penelitian ini menunjukkan bahwa (1) rancang bangun E-LKPD Interaktif Berbasis *Student Team Achievement Division* dikembangkan sesuai dengan model ADDIE, (2) E-LKPD Interaktif Berbasis *Student Team Achievement Division* dinilai oleh ahli rancang bangun dengan rata-rata skor **84,0%**, ahli isi mata pelajaran dengan rata-rata skor **96.4%**, ahli desain dengan rata-rata skor **95%**, ahli media dengan rata-rata skor **93,7%**, serta uji perorangan skor **97,9%** dan kelompok kecil dengan rata-rata skor **94,4%** yang semuanya termasuk dalam kategori sangat layak, dan (3) efektivitas E-LKPD Interaktif berbasis STAD berdasarkan uji-t satu sampel menunjukkan nilai signifikansi yakni $t_{hitung} > t_{tabel}$ (**1,899 > 1.782**) sehingga H_0 ditolak dan H_1 diterima, maka terdapat peningkatan pemahaman siswa secara signifikan setelah menggunakan E-LKPD interaktif berbasis STAD dalam pembelajaran IPAS.

Kata kunci: E-LKPD interaktif, STAD, perubahan wujud zat, IPAS.

**DEVELOPMENT OF INTERACTIVE E-LKPD BASED ON STUDENT
TEAM- ACHIEVEMENT DIVISION ON THE CHANGE OF STATE OF
SUBSTANCES IN SCIENCES GRADE IV OF ELEMENTARY SCHOOL NO.
3 SANGEH**

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ABSTRACT

This study aims to (1) determine the design of Interactive E-LKPD media Based on Student Team-Achievement Division on the Change of State of Substances in SCIENCES GRADE IV of SD No. 3 Sangeh., (2) determine the feasibility of the results of Interactive E-LKPD media Based on Student Team-Achievement Division on the Change of State of Substances in SCIENCES GRADE IV of SD No. 3 Sangeh according to expert reviews and product trials, and (3) determine the effectiveness of Interactive E-LKPD Based on Student Team Achievement Division in improving students' understanding of the material. This study uses the ADDIE development model consisting of five stages, namely (a) analysis, (b) design, (c) development, (d) implementation, and (e) evaluation. Data collection was carried out through questionnaires and tests, with data analysis techniques using a quantitative approach, and inferential statistics. The results of this study indicate that (1) the design of the Student Team Achievement Division-Based Interactive E-LKPD was developed in accordance with the ADDIE model, (2) the Student Team Achievement Division-Based Interactive E-LKPD was assessed by design experts with an average score of 84.0%, subject content experts with an average score of 96.4%, design experts with an average score of 95%, media experts with an average score of 93.7%, as well as individual tests with a score of 97.9% and small groups with an average score of 94.4%, all of which are included in the very feasible category, and (3) the effectiveness of the STAD-based Interactive E-LKPD based on a one-sample t-test shows a significant value, namely $t_{count} > t_{table}$ ($1.899 > 1.782$) so that H_0 is rejected and H_1 is accepted, so there is a significant increase in student understanding after using STAD-based interactive E-LKPD in science learning.

Keywords: Interactive E-LKPD, STAD, changes in state of matter, science.