

PENGEMBANGAN LEMBAR KERJA PESERTA DIDIK BERBASIS PENDEKATAN KONTEKSTUAL MATERI PENGUKURAN SUDUT PADA MATA PELAJARAN MATEMATIKA KELAS IV SD NOMOR 3 DALUNG TAHUN AJARAN 2022/2023

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui rancang bangun, kelayakan serta efektifitas Lembar Kerja Peserta Didik berbasis pendekatan kontekstual materi pengukuran sudut. Model pengembangan yang digunakan dalam penelitian ini adalah ADDIE (*Analyze, Design, Development, Implementation, Evaluation*). Subjek pada penelitian ini diantaranya ahli rancang bangun, ahli materi, ahli desain pembelajaran, ahli media pembelajaran, dan tiga puluh satu siswa kelas IV SD Nomor 3 Dalung. Teknik analisis data yang digunakan adalah teknik analisis deskriptif kuantitatif, teknik analisis deskriptif kualitatif, teknik analisis statistik deskriptif, dan teknik analisis statistik inferensial. Hasil penelitian ini menemukan bahwa lembar kerja peserta didik berbasis pendekatan kontekstual pada muatan pembelajaran Matematika di kelas IV SD dinyatakan valid berdasarkan: (a) hasil penilaian ahli rancang bangun berkualifikasi sangat baik (90%); (b) hasil penilaian ahli isi materi berkualifikasi sangat baik (92%); (c) hasil penilaian ahli desain berkualifikasi sangat baik (93%); (d) hasil penilaian ahli media pembelajaran berkualifikasi sangat baik (92%); (e) hasil penilaian uji perorangan berkualifikasi sangat baik (94%); (f) hasil penilaian uji kelompok kecil berkualifikasi sangat baik (92%). Hasil uji efektivitas yang dianalisis dengan menggunakan statistik inferensial teknik uji-t *univariat* memperoleh hasil $t_{hitung} = 5.43$ untuk $dk = 30$ dan taraf signifikansi 5% $t_{tabel} = 1,697$. Hal ini menunjukkan $t_{hitung} \geq t_{tabel}$, sehingga H_0 ditolak dan H_a diterima. Hal ini berarti rata-rata nilai kompetensi pengetahuan matematika pada materi pengukuran sudut sesudah menggunakan lembar kerja peserta didik berbasis pendekatan kontekstual lebih dari KKM. Sehingga dapat disimpulkan bahwa penggunaan lembar kerja peserta didik berbasis pendekatan kontekstual efektif digunakan dalam pembelajaran Matematika khususnya materi pengukuran sudut siswa kelas IV SD Nomor 3 Dalung Tahun Ajaran 2022/2023.

Kata Kunci: addie, matematika, pendekatan kontekstual

ABSTRACT

This study aims to determine the design, feasibility and effectiveness of Student Worksheets based on the contextual approach to angle measurement material. The development model used in this research is ADDIE (Analyze, Design, Development, Implementation, Evaluation). Subjects in this study included design experts, materials experts, instructional design experts, instructional media experts, and thirty one fourth grade students of SD Number 3 Dalung. Data analysis techniques used are quantitative descriptive analysis techniques, qualitative descriptive analysis techniques, descriptive statistical analysis techniques, and inferential statistical analysis techniques. The results of this study found that student worksheets based on a contextual approach in Mathematics learning content in grade IV SD were declared valid based on: (a) the results of the assessment of highly qualified design experts (90%); (b) the results of the assessment of the material content expert are very well qualified (92%); (c) the results of the design expert's assessment are very well qualified (93%); (d) the results of the assessment of learning media experts are very well qualified (92%); (e) individual test results are very well qualified (94%); (f) the results of the small group test are very well qualified (92%). The effectiveness test results were analyzed using inferential statistics using the univariate t-test technique to obtain $t_{count} = 5.43$ for $dk = 30$ and a significance level of 5% $t_{table} = 1.697$. This shows $t_{count} \geq t_{table}$, so H_0 is rejected and H_a is accepted. This means that the average score of competence knowledge of mathematics in the angle measurement material after using student worksheets based on a contextual approach is more than the KKM. So it can be concluded that the use of student worksheets based on a contextual approach is effectively used in learning Mathematics, especially the angle measurement material for class IV SD Number 3 Dalung Academic Year 2022/2023.

Keywords: addie, mathematics, contextual approach