

**PENGEMBANGAN E-LKPD INTERAKTIF BERBASIS KONTEKSTUAL
BERBANTUAN *WEBSITE LIVWORKSHEETS* PADA MUATAN
MATEMATIKA DI KELAS III SD NEGERI 5 KAMPUNG BARU**

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ABSTRAK

Penyusunan LKPD yang melenceng dari fungsinya karena berupa lembar pertanyaan, kurang menarik minat siswa pada pelajaran matematika sehingga berdampak pada hasil belajarnya. Tujuan dalam penelitian ini yaitu: (1) mendeskripsikan rancang bangun E-LKPD interaktif berbasis kontekstual berbantuan *website liveworksheet*; (2) mendeskripsikan kelayakan E-LKPD interaktif berbasis kontekstual berbantuan *website liveworksheets*; (3) mendeskripsikan kepraktisan E-LKPD interaktif berbasis kontekstual berbantuan *website liveworksheets*; dan (4) mendeskripsikan keefektifan E-LKPD interaktif berbasis kontekstual berbantuan *website liveworksheets* terhadap hasil belajar kognitif peserta didik pada muatan matematika di kelas III SD Negeri 5 Kampung Baru. Penelitian ini menggunakan model *ADDIE* (*Analyze, Design, Development, Implementation, Evaluation*). Subjek penelitian terdiri dari 2 orang dosen sebagai ahli media, ahli materi dan ahli desain, 3 orang praktisi guru serta 21 siswa. Metode pengumpulan data yaitu dengan observasi, wawancara, kuesioner dan tes. Instrumen yang digunakan berupa lembar *rating scale* dan tes pilihan ganda. Sedangkan desain uji coba dengan menggunakan desain *pre eksperimen, one shot case study*. Hasil penelitian menunjukkan: (1) penelitian ini menghasilkan rancang bangun E-LKPD interaktif berbasis kontekstual berbantuan *website liveworksheets* pada muatan matematika di kelas III Sekolah Dasar; (2) skor rata-rata kelayakan produk oleh ahli materi sebesar (4,8), ahli media sebesar (4,65), dan oleh ahli desain sebesar (4,8) dengan klasifikasi kategori ketiganya sangat baik; (3) skor rata-rata kepraktisan oleh guru sebesar (4,8) dan oleh peserta didik sebesar (4,48) dengan klasifikasi kategori keduanya sangat baik; (4) uji *one sample t-test* hasil belajar siswa menunjukkan signifikansi (*2-tailed*) sebesar $0,000 < 0,05$ sehingga E-LKPD efektif digunakan untuk meningkatkan hasil belajar kognitif siswa. Dengan demikian dapat dinyatakan bahwa pengembangan E-LKPD interaktif berbasis kontekstual berbantuan *website liveworksheets* pada muatan matematika layak, praktis, dan efektif untuk meningkatkan hasil belajar pada materi sudut bangun datar bagi siswa kelas III SD Negeri 5 Kampung Baru.

Kata Kunci: E-LKPD, matematika, pendekatan kontekstual, *liveworksheets*, hasil belajar.

ABSTRACT

The preparation of LKPD that deviates from its function because it is in the form of a question sheet, does not attract students' interest in mathematics lessons so that it has an impact on their learning outcomes. The objectives of this study are: (1) to describe the design of a contextual-based interactive E-LKPD assisted by a liveworksheet website; (2) describe the feasibility of contextual-based interactive E-LKPD assisted by liveworksheets website; (3) describe the practicality of contextual-based interactive E-LKPD assisted by the liveworksheets website; and (4) describe the effectiveness of contextual-based interactive E-LKPD assisted by the liveworksheets website on the cognitive learning outcomes of students in mathematics content in grade III of SD Negeri 5 Kampung Baru. This research uses the ADDIE (Analyze, Design, Development, Implementation, Evaluation) model. The research subjects consisted of 2 lecturers as media experts, material experts and design experts, 3 teacher practitioners and 21 students. The data collection method is by observation, interview, questionnaire and test. The instruments used are in the form of rating scale sheets and multiple-choice tests. Meanwhile, the trial design uses a pre-experiment design, one shot case study. The results of the study showed: (1) this study produced a contextual-based interactive E-LKPD design assisted by liveworksheets website on mathematics content in grade III of elementary school; (2) the average score of product feasibility by material experts is (4.8), media experts is (4.65), and by design experts is (4.8) with the classification of the three categories is very good; (3) the average score of practicality by teachers is (4.8) and by students is (4.48) with the classification of both categories is very good; (4) The one-sample t-test of student learning outcomes showed a significance (2-tailed) of $0.000 < 0.05$ so that E-LKPD was effectively used to improve students' cognitive learning outcomes. Thus, it can be stated that the development of contextual-based interactive E-LKPD assisted by liveworksheets website on feasible, practical, and effective mathematics content to improve learning outcomes on flat building angle materials for grade III students of SD Negeri 5 Kampung Baru.

Keywords: *E-LKPD, mathematics, contextual approach, liveworksheets, learning outcomes.*