

ABSTRAK

PENGEMBANGAN LKPD MODEL PjBL UNTUK MENUMBUHKAN KARAKTER BERPIKIR KRITIS PADA MATERI FAKTOR PERSEKUTUAN TERBESAR SISWA KELAS IV SD

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Penelitian ini didasarkan pada pentingnya pengembangan LKPD yang berkualitas, dan mengutamakan pembelajaran berpusat pada peserta didik guna menumbuhkan karakter berpikir kritis yang sejalan dengan perkembangan kurikulum. Tujuan penelitian ini adalah untuk mengembangkan LKPD menggunakan model *project based learning* pada materi Faktor Persekutuan Terbesar (FPB) kelas IV SD. Penelitian ini didasarkan dengan pendekatan R&D menggunakan model ADDIE. Penelitian ini menggunakan subjek 3 validator guru SD kelas IV bersertifikat pendidik yang berperan sebagai *expert judgment*. Selain itu, 20 peserta didik berpartisipasi dalam uji coba produk. Teknik pengumpulan data yang digunakan meliputi wawancara, observasi, angket validasi, dan tes hasil belajar. Data yang diperoleh dianalisis menggunakan teknik analisis deskriptif kuantitatif dan kualitatif. Validasi LKPD dianalisis dengan menghitung rata-rata skor dari para ahli, sedangkan efektivitas LKPD dianalisis melalui perhitungan N-Gain Score pada hasil tes sebelum dan sesudah penggunaan LKPD. Hasil penelitian ini menyatakan bahwa 1) Pengembangan LKPD menggunakan model *project based learning* materi Faktor Persekutuan Terbesar (FPB) kelas IV SD dilakukan menggunakan langkah ADDIE antara lain: *Analyze, Design, Development, Implement, dan Evaluate*. 2) Kualitas LKPD menggunakan model *project based learning* materi Faktor Persekutuan Terbesar (FPB) kelas IV SD memperoleh rata-rata skor validasi 3,4 dengan kategori “sangat baik”. Hasil uji coba terbatas menunjukkan bahwa LKPD efektif untuk menumbuhkan karakter rasa ingin tahu peserta didik dengan persentase kenaikan 56% dan meningkatkan hasil belajar dengan tingkat efektifitas dalam kategori tinggi (*N-Gain Score* 0,7023)

Kata kunci: LKPD, Model *Project Based Learning*, Karakter Berpikir Kritis

ABSTRACT

DEVELOPMENT OF LKPD MODEL PjBL TO DEVELOP CRITICAL THINKING CHARACTERS ON THE MATERIAL OF THE GREATEST COMMON FACTOR OF GRADE IV ELEMENTARY SCHOOL STUDENTS

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This study is based on the importance of developing quality LKPD, and prioritizing student-centered learning in order to foster critical thinking characters that are in line with curriculum development. The purpose of this study was to develop LKPD using a project-based learning model on the Greatest Common Factor (GCF) material for grade IV elementary school. This study is based on the R&D approach using the ADDIE model. This study used 3 validator subjects of grade IV elementary school teachers who were certified educators who acted as expert judgment. In addition, 20 students participated in the product trial. Data collection techniques used included interviews, observations, validation questionnaires, and learning outcome tests. The data obtained were analyzed using quantitative and qualitative descriptive analysis techniques. LKPD validation was analyzed by calculating the average score from the experts, while the effectiveness of LKPD was analyzed through the calculation of the N-Gain Score on the test results before and after using LKPD. The results of this study state that 1) The development of LKPD using a project-based learning model on the Greatest Common Factor (GCF) material for grade IV elementary school was carried out using ADDIE steps including: Analyze, Design, Development, Implement, and Evaluate. 2) The quality of LKPD using the project based learning model for the Greatest Common Factor (GCF) material for grade IV elementary school obtained an average validation score of 3.4 with the category of "very good". The results of limited trials showed that LKPD was effective in fostering students' curiosity character with a percentage increase of 56% and improving learning outcomes with a high level of effectiveness (N-Gain Score 0.7023)

Keywords: LKPD, Project Based Learning Model, Critical Thinking Character