

ABSTRAK

PENGEMBANGAN BUKU TEKS PERADABAN LAMPU BERBASIS *PROJECT BASED LEARNING* UNTUK MENUMBUHKAN KARAKTER KEBAIKAN HATI SISWA

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Kebaikan hati merupakan nilai moral fundamental yang esensial untuk menciptakan lingkungan sekolah aman dan beretika, sekaligus berfungsi sebagai pelindung dari tindak kekerasan. Fakta mengkhawatirkan menunjukkan 84% siswa mengalami agresi fisik, verbal, atau psikologis, ini mengindikasikan lemahnya internalisasi nilai moral. Tujuan penelitian ini mengembangkan dan memvalidasi buku teks peradaban lampu berbasis model *Project Based Learning* untuk menumbuhkan karakter kebaikan hati siswa sekolah dasar. Penelitian ini menggunakan kerangka kerja ADDIE (*Analyze, Design, Develop, Implement, dan Evaluate*) dalam metodologi *Research and Development* (R&D) serta desain *quasi-experimental*. Subjek penelitian melibatkan sepuluh guru bersertifikasi sebagai responden analisis kebutuhan, sepuluh ahli untuk *expert judgement*, siswa kelas V pada salah satu SD Negeri di Yogyakarta (kelas V A sebagai kelompok kontrol, V B sebagai kelompok eksperimen), serta orang tua siswa sebagai responden kuesioner karakter kebaikan hati.

Hasil penelitian menunjukkan, 1) pengembangan buku teks peradaban lampu berbasis PjBL untuk menumbuhkan karakter kebaikan hati dikembangkan mengikuti tahapan ADDIE. 2) Kualitas buku teks tergolong kualifikasi “sangat baik” dengan skor 3,77 (skala 1-4) direkomendasikan “tidak perlu revisi”. 3) penerapan buku teks menunjukkan pengaruh positif dan signifikan terhadap karakter kebaikan hati $p = 0,000$ ($p < 0,05$) dikategorikan efek “besar” ($r = 0,5531$) setara 30,59%, efektivitas *n-gain* kelompok kontrol “rendah” (0,076) dan kelompok eksperimen “tinggi” (0,771), konsistensi penilaian *Interrater Reliability* dikategorikan “tinggi” ($\alpha = 0,723$), serta analisis *z-score* per indikator kelompok kontrol dominan negatif (-1,68 hingga -1,31) dan kelompok eksperimen positif (-0,13 hingga 1,49). Temuan ini menegaskan penerapan model PjBL buku teks memiliki efektivitas kuat mendukung pendidikan karakter sehingga layak digunakan untuk pembelajaran berkelanjutan.

Kata kunci: Peradaban Lampu, *Project Based Learning*, Kebaikan Hati, Pendidikan Karakter

ABSTRACT

**DEVELOPMENT OF THE LAMP CIVILIZATION TEXTBOOK BASED ON
PROJECT-BASED LEARNING TO FOSTER STUDENTS' KINDNESS
CHARACTER**

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Kindness is a fundamental moral value that is essential for creating a safe and ethical school environment, while simultaneously serving as a protective shield against acts of violence. Alarming facts reveal that 84% of students experience physical, verbal, or psychological aggression, indicating a weakness in the internalization of moral values. This research aims to develop and validate a "Lamp of Civilization" textbook based on the Project-Based Learning (PjBL) model to foster the character of kindness in elementary school students. The study employed the ADDIE framework (Analyze, Design, Develop, Implement, and Evaluate) within the Research and Development (R&D) methodology and a quasi-experimental design. The research subjects included ten certified teachers as respondents for needs analysis, ten experts for expert judgment, fifth-grade students from one public elementary school in Yogyakarta (class V A as the control group and V B as the experimental group), and students' parents as respondents for the kindness character questionnaire.

The results of the study show that: 1) the development of the Lamp of Civilization textbook based on PjBL to foster the character of kindness was carried out by following the ADDIE stages. 2) The quality of the textbook was classified as "very good" with a score of 3.77 (on a 1–4 scale) and was recommended as "no revision needed". 3) The implementation of the textbook demonstrated a positive and significant influence on the character of kindness $p = 0.000$ ($p < 0.05$) with a "large" effect size ($r = 0.5531$) equivalent to 30.59%. The N-gain effectiveness in the control group was "low" (0.076) and in the experimental group was "high" (0.771). Interrater reliability consistency was categorized as "high" ($\alpha = 0.723$). The z-score analysis per indicator showed that the control group was predominantly negative (-1.68 to -1.31), while the experimental group was positive (-0.13 to 1.49). These findings confirm that the application of the PjBL-based textbook has strong effectiveness in supporting character education, making it suitable for sustained learning implementation.

Keywords: Lamp Civilization, Project-Based Learning, Kindness, Character Education