

ABSTRAK

**PENGEMBANGAN BUKU TEKS TENTANG PERADABAN ALAT
KOMUNIKASI BERBASIS PJBL UNTUK MENUMBUHKAN
KARAKTER SENANG BELAJAR PADA ANAK**

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Karakter senang belajar merupakan dorongan internal anak untuk mengeksplorasi pengetahuan baru, menunjukkan rasa ingin tahu yang tinggi, serta memiliki ketekunan dalam menghadapi tantangan secara mandiri. Namun, rendahnya motivasi dan antusiasme belajar pada anak masih sering dijumpai, yang berdampak signifikan pada perkembangan kognitif serta pencapaian prestasi mereka di sekolah. Penelitian ini bertujuan untuk mengembangkan buku teks tentang peradaban alat komunikasi berbasis *Project Based Learning* untuk menumbuhkan karakter senang belajar pada anak sekolah dasar. Penelitian ini menggunakan metode *Research & Development* (R&D) tipe ADDIE (*Analyze, Design, Develop, Implement, dan Evaluate*). Subjek dalam penelitian ini melibatkan sepuluh guru yang bersertifikat pendidik sebagai responden analisis kebutuhan, sepuluh ahli untuk *expert judgement*, anak kelas IV di salah satu SD Negeri di Banguntapan yang terdiri dari 26 anak kelas IV A sebagai kelompok kontrol, dan 25 anak kelas IV B sebagai kelompok eksperimen, serta pada tahap implementasi, orangtua anak sebagai responden kuesioner karakter senang belajar.

Hasil penelitian menunjukkan bahwa 1) buku teks peradaban alat komunikasi ditumbuhkan melalui karakter senang belajar dan mengikuti tahapan ADDIE, 2) Kualitas buku teks tergolong “sangat baik” dengan skor 3,62 (skala 1-4) dan direkomendasikan “tidak perlu revisi”, 3) Penerapan buku teks menunjukkan pengaruh yang sangat positif dan signifikan terhadap karakter senang belajar $p = 0,000$ ($p < 0,05$) dikategorikan efek “besar” ($r = 0,726$) setara 30,59%, efektivitas *n-gain* kelompok kontrol “sedang” (38,22) dan kelompok eksperimen “sedang” (70,15), konsistensi penilaian *Interrater Reliability* dikategorikan “tinggi” ($\alpha = 0,717$), serta analisis *z-score* per indikator kelompok kontrol dominan negatif (-0,13 hingga -1,5) dan kelompok eksperimen positif (0,51 hingga 1,34). Temuan ini menunjukkan bahwa penerapan buku teks berbasis PjBL memiliki efektivitas yang kuat dalam mendukung pendidikan karakter sehingga layak digunakan untuk pembelajaran berkelanjutan.

Kata kunci: Pendidikan Karakter, Peradaban Alat Komunikasi, *Project Based Learning*, Senang Belajar

ABSTRACT

DEVELOPMENT OF TEXTBOOKS ON CIVILIZATION AS A COMMUNICATION TOOL BASED ON PJBL TO DEVELOP CHILDREN'S LEARNING CHARACTERS

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The character of enjoying learning is a child's internal drive to explore new knowledge, show high curiosity, and have perseverance in facing challenges independently. However, low motivation and enthusiasm for learning in children are still often found, which has a significant impact on their cognitive development and achievement in school. This study aims to develop a textbook on communication tool civilization based on Project Based Learning to foster the character of enjoying learning in elementary school children. This study uses the Research & Development (R&D) method of the ADDIE type (Analysis, Design, Development, Implementation, and Evaluation). The subjects in this study involved ten certified teachers as respondents for the needs analysis, ten experts for expert assessment, fourth-grade children in one of the Public Elementary Schools in Banguntapan consisting of 26 children of grade IV A as the control group, and 25 children of grade IV B as the experimental group, and at the implementation stage, the children's parents as respondents for the questionnaire of the character of enjoying learning.

The results of the study showed that 1) civilization textbooks as a communication tool grow through the character of enjoying learning and following the ADDIE stages, 2) The quality of textbooks was classified as "very good" with a score of 3.62 (scale 1-4) and recommended "no need for revision", 3) The application of textbooks showed a very positive and significant influence on the character of enjoying learning $p = 0.000$ ($p < 0.05$) categorized as a "large" effect ($r = 0.726$) equivalent to 30.59%, the effectiveness of the n-gain control group was "moderate" (38.22) and the experimental group was "moderate" (70.15), the consistency of the Interrater Reliability assessment was categorized as "high" ($\alpha = 0.717$), and the z-score analysis per indicator of the control group was mostly negative (-0.13 to -1.5) and the experimental group was positive (0.51 to 1.34). These findings indicate that the implementation of PjBL-based textbooks has strong effectiveness in supporting character education, making it suitable for use in continuous learning.

Keywords: Character Education, Civilization of Communication Tools, Project Based Learning, Enjoying Learning