

ABSTRAK

**PENGEMBANGAN BUKU TEKS PERKEMBANGAN PERADABAN AIR
BERBASIS *PROJECT BASED LEARNING* UNTUK MENUMBUHKAN
KARAKTER TANGGUNG JAWAB SOSIAL**

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Pendidikan karakter bertujuan membentuk anak menjadi individu yang mampu menghadapi tantangan dan menjadi pembelajar seumur hidup. Karakter tanggung jawab sosial berperan dalam memperkuat sikap tanggung jawab dan kepedulian terhadap lingkungan sosial. Di sisi lain, krisis karakter akibat kurangnya sikap tanggung jawab sosial semakin meningkat. Meskipun demikian, masih sedikit penelitian yang berfokus pada pengembangan karakter ini menggunakan model *Project Based Learning*. Oleh karena itu, penelitian ini bertujuan untuk mengembangkan buku teks perkembangan peradaban air berbasis PjBL guna menumbuhkan karakter tanggung jawab sosial pada anak. Penelitian ini menggunakan metode *Research & Development* (R&D) dengan tipe ADDIE. Analisis kebutuhan kuesioner terbuka dan kuesioner tertutup melibatkan 10 guru bersertifikat pendidik dari berbagai daerah. Validasi produk dilakukan oleh 10 validator ahli dan uji coba terbatas buku teks perkembangan peradaban air melibatkan delapan anak. Hasil penelitian menunjukkan bahwa: 1) buku teks perkembangan peradaban air berbasis PjBL untuk menumbuhkan karakter tanggung jawab sosial dikembangkan melalui tahapan ADDIE, 2) buku teks memiliki kualitas “Sangat baik” dengan skor 3,76 (skala 1-4) dan “Tidak memerlukan revisi”, dan 3) buku teks berpengaruh signifikan terhadap karakter tanggung jawab sosial anak. Uji signifikansi dengan *paired sample t test* menunjukkan hasil rerata *posttest* ($M = 3,8000$, $SE = 0,05345$) lebih tinggi daripada rerata *pretest* ($M = 2,5750$, $SE = 0,12356$) serta perbedaan skor signifikan $t(7) = 9,690$, $p = 0,000$ ($p < 0,05$). Besar pengaruh sebesar $(r) = 0,964$ yang setara 93% masuk kategori “Efek besar”. Efektivitas penerapan buku teks ini tergolong “Tinggi” dengan nilai *N-Gain Score* sebesar 85,0038%.

Kata kunci: Karakter Tanggung Jawab Sosial, *Project Based Learning*, Peradaban Air.

ABSTRACT

DEVELOPMENT OF TEXTBOOKS ON THE DEVELOPMENT OF WATER CIVILIZATION BASED ON PROJECT BASED LEARNING TO FOSTER THE CHARACTER OF SOCIAL RESPONSIBILITY

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Character education aims to shape children into individuals who are able to face challenges and become lifelong learners. The character of social responsibility plays a role in strengthening the attitude of responsibility and concern for the social environment. On the other hand, the character crisis due to the lack of social responsibility attitude is increasing. However, there are still few studies that focus on developing this character using the Project Based Learning model. Therefore, this study aims to develop a PjBL based water civilization development textbook to foster the character of social responsibility in children. This study uses the Research & Development (R&D) method with the ADDIE type. Needs analysis of open questionnaires and closed questionnaires involved 10 certified teachers from various regions. Product validation was conducted by 10 expert validators and a limited trial of the water civilization development textbook involved eight children. The results showed that: 1) the PjBL based water civilization development textbook to foster the character of social responsibility was developed through the ADDIE stages, 2) the textbook has "Very good" quality with a score of 3.76 (scale 1-4) and "Does not require revision", and 3) the textbook has a significant effect on children's social responsibility character. Significance test with paired sample t test showed that the posttest mean ($M = 3.8000$, $SE = 0.05345$) was higher than the pretest mean ($M = 2.5750$, $SE = 0.12356$) and the significant score difference $t(7) = 9.690$, $p = 0.000$ ($p < 0.05$). The amount of influence amounted to $(r) = 0.964$ which is equivalent to 93% in the "Large effect" category. The effectiveness of the application of this textbook is classified as "High" with an N-Gain Score of 85.0038%.

Keywords: Social Responsibility Character, Project Based Learning, Water Civilization.