

ABSTRAK**PENGEMBANGAN PROTOTIPE CERITA BERGAMBAR
TENTANG SISTEM HIDROPONIK UNTUK PESERTA
DIDIK KELAS IV SEKOLAH DASAR**

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Latar belakang penelitian ini adalah untuk menjawab kebutuhan guru kelas IV Sekolah Dasar yang memerlukan media buku cerita bergambar untuk mengajar Tema 3 “Peduli terhadap Makhluk Hidup”, Subtema 3 “Ayo Cintai Lingkungan” materi lingkungan hidup. Berdasarkan hasil wawancara yang dilakukan peneliti kepada empat orang warga di kota Bekasi, peneliti mendapatkan informasi bahwa kesadaran memelihara lingkungan yang perlu dilatihkan kepada peserta didik adalah kebiasaan menanam tanaman di lahan yang sempit. Berdasarkan data tersebut, peneliti terdorong melakukan penelitian yang berjudul “Pengembangan Prototipe Cerita Bergambar tentang Sistem Hidroponik untuk Peserta Didik kelas IV Sekolah Dasar”. Tujuan penelitian ini adalah mendeskripsikan langkah-langkah pengembangan prototipe cerita bergambar tersebut.

Jenis penelitian ini adalah R&D (*Research and Development*) yang menggunakan tiga langkah dari langkah lima langkah pengembangan ADDIE yaitu (1) Analisis: peneliti mewawancarai empat guru SD dan empat warga di Bekasi. (2) Desain: peneliti membuat kisi-kisi untuk mengembangkan buku cerita bergambar tentang sistem hidroponik untuk peserta didik kelas IV Sekolah Dasar. (3) Pengembangan: peneliti menyusun buku cerita bergambar, memvalidasi dan melakukan revisi sesuai saran validator.

Berdasarkan hasil validasi yang dilakukan oleh satu orang ahli biologi dan satu orang guru, kualitas buku cerita bergambar mendapatkan skor rata-rata 3,7 (dari rentang nilai (1-4) yang artinya “Sangat Baik”. Jadi “Pengembangan Prototipe Cerita Bergambar tentang Sistem Hidroponik untuk Peserta Didik kelas IV Sekolah Dasar” dapat diujicobakan secara terbatas oleh guru kelas IV SD untuk mengajar Tema 3 “Peduli terhadap Makhluk Hidup”, Subtema 3 “Ayo Cintai Lingkungan”, pelajaran 3.

Kata Kunci: Prototipe, cerita bergambar, hidroponik

ABSTRACT**DEVELOPMENT OF PICTURE STORY PROTOTYPES
ABOUT HYDROPONIC SYSTEMS FOR CLASS IV
STUDENTS OF ELEMENTARY SCHOOL**

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The background of this research is to answer the needs of fourth-grade elementary school teachers who need picture storybooks to teach Theme 3 “Care for Living Creatures”, Sub-theme 3 “Let’s Love the Environment” environmental material. Based on the results of interviews conducted by researchers with four residents in the city of Bekasi, researchers obtained information that awareness of caring for the environment that needs to be trained for students is the habit of growing plants in a narrow area. Based on these data, the researcher was encouraged to conduct a research entitled “Development of a Picture Story Prototype of a Hydroponic System for Grade IV Elementary School Students”. The purpose of this research is to describe the steps of developing the prototype of the illustrated story.

This type of research is R&D (Research and Development) which uses three steps from the five steps of ADDIE development, namely (1) Analysis: the researcher interviewed four elementary school teachers and four residents in Bekasi. (2) Design: the researcher made a grid to develop a picture storybook about the hydroponic system for fourth-grade elementary school students. (3) Development: researchers compiled a picture book, validate and make revisions based on advice validator

Based on the validation conducted by one biologist and one teacher, the quality of picture books to get an average score of 3.7 (out of the range of values (1-4) which means “Very Good.” So “Development of Illustrated Story Prototypes about Hydroponic Systems for Fourth Grade Elementary School Students” can be tested on a limited basis by fourth-grade elementary school teachers to teach Theme 3 “Caring for Living Creatures”, Sub-theme 3 “Let’s Love the Environment”, lesson 3.

Keywords: *Prototype, picture story, hydroponics.*