Unit II: Animals Two by Two

Content Area: **Science**
Course(s): **Science K**
Time Period: **February**
Length: **January - March**
Status: **Published**

Enduring Understandings

Animals, like humans, create offspring that are similar.

Living organisms exchange nutrients and water with the environment; reproduce; and grow and develop in a predictable manner.

Animals have basic needs such as food, water, and space.

Animals obtain food from plants and animals.

Essential Questions

How is the population affected by offspring?

How do you care for animals and plants?

Why do certain animals change colors?

Content

Literature:

Desert Habitat

Desert Giant The World of the Saguaro Cactus by Barbara Bash

Way Out in the Desert by Jennifer Ward

Creatures of the Desert World A National Geographic Action Book

Here is the Southwestern Desert by Madeleine Dunphy

Cactus Hotel by Brenda Guiberson

Forest Habitat

The Rainforest Grew All Around by Susan Mitchell

Rain Forests by Insiders Series

DK Eyewitness: Jungle SDiscover *Life in the Tropical Rain Forest*

Pond/River Habitiat

In the Small, Small Pond by Denise Fleming

Pond Circle by Betsy Franco

Here Is the Wetland by Madeleine Dunphy

Arctic Habitat

Here is Antarctica by Madeleine Dunphy

A Penguin Story by Antoinette Portis

Over in the Arctic by Marianne Berkes

Nothing Like a Puffin by Sue Soltis

In Arctic Waters by Laura Crawford

Ice is Nice! All About the North and South Poles (Cat in the Hat Series)

National Geographic Readers: Penguins by Anne Schreiber

National Geographic Readers: Polar Bears by Laura Marsh

Puffins Climb, Penguins Rhyme by Bruce McMillan

Survival at 40 Below by Debbie Miller and John Van Zyle

Grassland Habitat

Butterfly Eyes and Other Secrets of the Meadow by Joyce Sidman and Beth Krommes

Here Is the African Savanna by Madeleine Dunphy and Tom Leonard

Ocean Habitat

This is the Sea that Feeds Us by Robert Baldwin

Here Is the Coral Reef by Madeleine Dunphy

Somewhere in the Ocean by Jennifer Ward

What's It Like to Be a Fish? (Let's Read and Find Out Science Series)

I Took A Walk by Henry Cole

On the Way to the Beach by Henry Cole

*I See a Kookaburra! Discovering Animal Habitats Around the Worl*d by Steve Jenkin and Robin Page

Internet resources:

Insects:

http://kids.sandiegozoo.org/animals/insects

Animals and their babies

http://photography.nationalgeographic.com/photography/photos/animal-mothers-babies/#/cheetah-mother-cub_13420_600x450.jpg

https://www.youtube.com/watch?v=0Gm9zJS10-E

https://www.youtube.com/watch?v=O3CZFfyed3M

https://www.youtube.com/watch?v=JPHqUxxyLsY

https://www.youtube.com/watch?v=tQjbqgPxKc0

Skills

Label the parts of an animal.

Label parts of a flower.

Name animals by characteristics such as fur, feather, or fins.

Classify animals by the food they eat.

Standards

SCI.K	Interdependent Relationships in Ecosystems: Animals, Plants, and Their Environment
SCI.K-ESS2-2	Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.
SCI.K-ESS3-3	Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.
SCI.K-ESS3-1	Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live.
SCI.K-LS1-1	Use observations to describe patterns of what plants and animals (including humans) need to survive.