**1st Grade Core Knowledge Unit**

**Science: Animal Habitats**

**Summary:** All living things live in some type of environment on Earth. Where animals live depends upon many environmental factors, such as temperature, humidity, soil, water, amount of and intensity of the sunlight, food and the interactions of other animals. The environment in which an animal normally lives and grows is called their habitat.

**The Big Idea:** Living things live in environments where they are best able to survive.

**Colorado State Standards:**

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| 1.2.2.a. Identify organisms and use evidence based scientific explanations for classifying them into groups  1.2.2.b. Analyze and interpret data about the needs of plants and animals  1.2.2.c. Use direct observations and other evidence to support ideas concerning physical characteristics that help plants and animals survive  2.2.1.a. Use evidence to develop a scientific explanation about how organisms depend on their habitat.  2.2.1.b. Analyze and interpret data about nonliving components of a habitat  2.2.1.c. Assess and provide feedback on other scientific explanations regarding why an organism can survive in its habitat  4.2.3.b. Identify the components that make a habitat type unique  4.2.3.c. Compare and contrast different habitat types |

**Common Core Standards**:

**RI1.1** Ask and answer questions about key details in a text.

**RI1.2** Identify the main topic and retell key details of a text.

**RI1.3** Describe the connection between two individuals, events, ideas, or pieces of information in a text.

**RI1.6** Distinguish between information provided by pictures or other illustrations and information provided by the words in a text.

**RI1.7** Use illustrations and details in a text to describe its key ideas.

**RI1.8** Identify the reasons an author gives to support points in a text.

**RL1.1** Ask and answer questions about key details in a text.

**RL1.2** Retell stories, including key details, and demonstrate understanding of their central message or lesson.

**RL1.3** Describe characters, settings, and major events in a story, using key details.

**RL1.7** Use illustrations and details in a story to describe its characters, setting, or events.

**SL1.1** Participate in collaborative conversations with diverse partners about grade 1 topics and texts with peers and adults in small and larger groups.

**SL1.2** Ask and answer questions about key details in a text read aloud or information presented orally or through other media.

**W1.1** Write opinion pieces in which they introduce the topic or name the book they are writing about, state an opinion, supply a reason for the opinion, and provide some sense of closure.

**Core Knowledge Unit:**

1. Living Things and Their Environments

* Living things live in environments to which they are particularly suited
* Specific habitats and what lives there, for example:
  + Forest
  + Meadow
  + Underground
  + Desert
  + Water

**Core Knowledge Language Arts:**

1. Listening and Speaking

A. Classroom Discussion

* Participate in age appropriate activities involving listening and speaking.

1. Presentation of Ideas and Information

* Provide simple explanations.

1. Comprehension and Discussion of Read-Alouds – All Texts

* Use pictures accompanying the read-aloud to check and support understanding of the read-aloud.

1. Comprehension and Discussion of Read-Alouds – Nonfiction and Informational Text

* Answer questions about the details of a nonfiction text.

1. Language Conventions
2. Handwriting and Spelling

* Write on primary lined paper from left to right, staying within the lines and leaving spaces between words, and from top to bottom, using return sweep.

**Previous Unit:** Food Chains

**Prior Knowledge:**

**Kindergarten**

1. Animals and their Needs
2. Plants and Plant Growth
3. Seasons and Weather

**Next Unit:** Oceans and Undersea Life

**What Students Will Learn in Future Grades:**

**Second Grade:**

A: Life Cycles: birth, growth, reproduction, death

B: Reproduction in plants and animals

* From seed to seed with a plant
* From egg to egg with a chicken
* From frog to frog
* From butterfly to butterfly; metamorphosis

**Third Grade:**

1. Introduction to Classification of Animals
2. Ecology

\*food chains, habitats, and environmental protection

**Cross Curricular Links:**

**Language Arts: Poetry**

“I Know All the Sounds That the Animals Make”

“The Owl and the Pussy-cat”

“The Pasture”

**Fiction Stories:**

“The Frog Prince”

“The Pied Piper of Hamelin”

“The Tale of Peter Rabbit”

“Why the Owl Has Big Eyes”

**Sayings and Phrases:**

“Fish out of water”

“Let the cat out of the bag”

“There’s no place like home”

**Additional Resources:**

For teachers and students:

* *Your Big Backyard, published by the National Wildlife Federation*
* *Animal Encyclopedia, by Barbara Taylor, published by Lavishly Illustrated*
* *The Big Blue Planet, published by Library Journal*