

**Lesson Plan Overview:**  
**Homeschool Wildlife Series**  
**Grades K-4**  
**Part 1: Birds**

**SOL's Covered:**

- Science: K.6b, 1.5a & b, 2.5a & b, 3.4a & b, 3.5b & c, 4.5a, d & f

**Objectives:**

The student will:

- List and identify the basic needs of all living things;
- Describe a habitat;
- Discuss the physical characteristics of a bird;
- Understand and explain predator/prey relationships;
- Look at, describe and respond to two different bird species;
- Dissect an owl pellet and identify the contents.

**Lesson:**

This lesson involves a close examination of two different bird species in order to help teach students about bird characteristics, predator/prey relationships, as well as the basic needs of all life.

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**Part 2: Amphibians and Reptiles**

**SOL's Covered:**

- Science: K.7a, c & d, 1.5a-c, 2.4a, 2.5b-c, 3.5b & c, 3.6a & b, 4.5b & e
- Visual Arts: K.2, K.5, K.11, 1.8, 1.9, 2.4, 3.8, 4.1

**Objectives:**

The student will:

- Recognize that some species look like their parents from birth and others develop that appearance over time;
- Create a craft project meant to demonstrate the frog life cycle;
- Discuss the concept of food chains;
- Understand and explain the various styles of locomotion for different reptiles and amphibians;
- Describe the differences between terrestrial or dry environment and aquatic or wet environment animals;
- Look at, describe and respond to 4 different reptile and amphibian species.

**Lesson:**

This lesson involves a close examination of four different species of amphibians and reptiles in order to help teach students about food chains, life cycles, animal locomotion and water versus land animals.

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**Part 3: Mammals**

**SOL's Covered:**

- Science: K.7a & d, 1.5a-c, 1.7a & b, 2.5b, 2.7a, 3.5a-c, 4.5a, d & f
- Visual Arts: K.2, K.5, K.11, 1.8, 1.9, 2.4, 3.8, 4.1

**Objectives:**

The student will:

- List the traits that all mammals have in common;
- Identify animals that are mammals;
- Describe ways that animals deal with seasonal and weather changes and other changes in their habitat;
- Discuss and understand the difference between herbivores, carnivores and omnivores;
- Explain predator and prey relationships;
- Look at, describe and respond to 3 different mammal species.
- Understand and explain the difference between tame and wild animals;
- Create a craft project meant to show a viable habitat.

**Lesson:**

This lesson involves a close examination of three different species of mammals in order to help teach students about mammalian traits, predator/prey relationships, how changes in an animal's habitat can change its behavior, as well as the differences between tame and wild animals.