Lesson Plan Overview:
Homeschool Wildlife Series
Grades 5-8
Part 1: Animal Taxonomy

SOL’s Covered:
- Science: 5.5b & c, 6.1a, 6.5f, 6.9a, LS.4a-c, LS.8b-d
- English: 5.1a, 6.1a, 6.2a & c, 7.1a-d, 8.1a & b

Post Visit Packet Available
SOL’S Covered in Packet:
- Science: 5.5b & c, 5.5d, 6.1a, 6.5f, 6.9a, LS.4a-c, LS.8b-d
- English: 5.1a & b, 5.3a-c & e, 5.8b-d & g, 6.1a, 6.2a & c, 6.3c & d, 6.5d & f-g, 6.6b & c, 7.1a-c, 7.2a & b, 7.6a & f-g, 7.7a & c, 7.8b, 8.2a-f, 8.6a & d-e & g, 8.7b-c & e
- Visual Arts: 5.3, 5.22, 6.2, 6.4, 7.5, 7.11, 7.14, 8.2

Objectives:

The student will:
- List the 7 taxonomic categories of all living things;
- Identify the 3 kingdoms;
- List and describe the 6 phyla;
- Discuss the characteristics of animals in the taxonomic class of chordata;
- Investigate the identities and class of unknown animals;
- See animals and discuss scientific information about the animal based on their class;
- Identify the requirements that all living things need to survive.

Lesson:
- This lesson involves an in-depth discussion of animal taxonomy as relates to kingdom, phylum and class and the observation and interaction with 5 kinds of animals to better illustrate animal needs, commonalities and differences.
Lesson Plan Overview:
Homeschool Wildlife Series
Grades 5-8
Part 2: Animals in Jeopardy

SOL’s Covered:

- Science: 5.6c, 6.7a, 6.9a, LS.6d, LS.8b-d, LS.10c, LS.11b-d, LS.13a
- English: 5.1a, 6.1a, 6.2a & c, 7.1a-d, 8.1a & b

Post-Lesson and Pre-Zoo Visit Packet Available
SOL’S Covered in Packet:

- Science: 5.6c, 6.7a, 6.9a, LS.6d, LS.8b-d, LS.10c, LS.11b-d, LS.13a
- English: 5.1a & b, 5.3a-c & e, 5.8b-d & g, 6.1a, 6.2a & c, 6.3c & d, 6.5d & f-g, 6.6b & c, 7.1 a-c, 7.2a & b, 7.6a & f-g, 7.7a & c, 7.8b, 8.2a-f, 8.6a & d-e & g, 8.7b-c & e
- Visual Arts: 5.3, 5.22, 6.2, 6.4, 7.5, 7.11, 7.14, 8.2

Objectives:

The student will:

- List examples of extinct animals;
- Identify the main natural causes for animal population change or extinction;
- Identify the main man-made causes of population change or extinction;
- Discuss the types of and examples of animal interdependency;
- Identify common conservation efforts;
- See animals and discuss animals listed as vulnerable or endangered by the IUCN;
- Write a short paper on how they can use conservation in their own lives.

Lesson:

- This lesson involves an in-depth discussion of factors, both natural and man-made, that can cause animal extinction or population fluctuations. It also includes the observation of and interaction with four animals listed as vulnerable or endangered by the IUCN.
Lesson Plan Overview:
Homeschool Wildlife Series
Grades 5-8
Part 3: Jaws, Paws and Claws

SOL’s Covered:

- Science: 5.5b & c, LS.4d, LS.7a & b, LS.8b & e, LS.9c
- English: 5.1a, 6.1a, 6.2a-c, 7.1a-d, 8.1a & b

Post-Lesson and Pre-Zoo Visit Packet Available
SOL’S Covered in Packet:

- Science: 5.5b & c, LS.4d, LS.7a & b, LS.8b & e, LS.9c
- English: 5.1a & b, 5.3a-c & e, 5.8b-d & g, 6.1a, 6.2a & c, 6.3c & d, 6.5d & f-g, 6.6b & c, 7.1 a-c, 7.2a & b, 7.6a & f-g, 7.7a & c, 7.8b, 8.2a-f, 8.6a & d-e & g, 8.7b-c & e
- Visual Arts: 5.3, 5.22, 6.2, 6.4, 7.5, 7.11, 7.14, 8.2

Objectives:

The student will:

- List what every living thing needs to survive;
- Identify animal adaptations that help animals acquire the things they need to survive;
- Discuss how certain adaptations helps animals to live in specific habitats;
- List and describe adaptations for a number of different animals;
- Discuss how the characteristics of animals relate to predator/prey relationships;
- Investigate bird beak adaptations;
- See animals and discuss their adaptations with hands on and up close investigation.

Lesson:

- This lesson involves an in-depth discussion of animal adaptations and how those adaptations help animals acquire their basic needs and help them to survive in their habitats.