

Course Description:

Semester B of Second Grade Science begins with the students learning the characteristics of the Weaverbird and Swiftlet bird. Learners will come to understand the different groupings of animals including those with vertebrates, invertebrates and warm and cold blooded animals, carnivores, herbivores and omnivores. Learners will be asked to recall the five senses that they discussed at the beginning of the course and compare them to the senses of animals. They will also learn how animals communicate and the relationship between animals and humans. The course ends with the students taking a closer look at the characteristics of reptiles, insects, birds of prey, and fish. At the close of the course students will have a deeper understanding and appreciation of animals and their habitats.

Materials needed: Colored pencils or crayons, Gum, Globe (which can be viewed in a library), Multi-colored construction paper, Scissors

Module	Lesson Title	Objectives
1	Characteristics of the Weaverbird	<ol style="list-style-type: none"> Go bird watching. Learn about the weaverbird that is found primarily in Africa.
	Characteristics of the Swiftlet Bird	<ol style="list-style-type: none"> Learn about the Swiftlet bird of Southeastern Asia.
	Large Habitats	<ol style="list-style-type: none"> Explore the concept of habitat.
2	Animals: Vertebrates and Invertebrates	<ol style="list-style-type: none"> Study the two major animal groups: the vertebrates and invertebrates.
	Warm- and Cold-Blooded Animals	<ol style="list-style-type: none"> Study warm versus cold blooded animals.
	Tracks Animals Make	<ol style="list-style-type: none"> Study animal tracks.
3	Animal Food Chains	<ol style="list-style-type: none"> Learn about the food chain. Explore the interdependent relationships in nature.
	Relationships Between Humans and Animals	<ol style="list-style-type: none"> Explore ways in which animals and human beings help each other.

2nd Grade Science Semester B Syllabus

Module	Lesson Title	Objectives
	Carnivores, Herbivores and Omnivores	1. Learn about carnivores, herbivores, and omnivores.
4	The Five Senses and Animal Communication	1. Learn about the various ways animals communicate. 2. Be introduced to the five animal senses.
	Animal Communication and Signals	1. Explore ways animals communicate.
	The Desert Biome	1. Identify characteristics of the desert biome. 2. Describe the animals that live in the Sahara.
5	The Dolphin and the Field Mouse	1. Identify characteristics of the dolphin. 2. Identify characteristics of the field mouse.
	Characteristics of Reptiles	1. Identify different reptiles. 2. Match the reptile to its natural habitat.
	Tadpoles to Frogs	1. Learn about the frog's transformation from the egg into a full-grown frog.
6	Characteristics of Insects	1. You will learn about insects.
	Characteristics of Birds	1. Identify large birds of prey.
	Characteristics of Fish	1. Learn about fish.