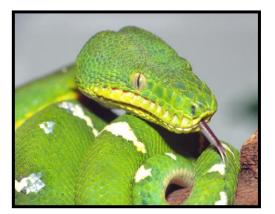


Grade 1 Full-day Workshop: Animal Senses



OVERVIEW & PROGRAM GOALS

This educational program has been designed with the intention of providing direct curriculum links to the Grade 1 Understanding Life Systems: Characteristics and Needs of Living Things strand of **The Ontario Science and Technology Curriculum**. This exciting full-day workshop provides students and teachers the opportunity to explore the curriculum expectations outside the classroom. The main objective of this program is for students to:

• Recognize and explore how animals use their senses (touch, taste, sight, smell, and hearing) in their environment to meet their needs for survival.

SPECIFIC EXPECTATIONS

Relating Science and Technology to Society and the Environment:

1.1. Identify personal action that they themselves can take to help maintain a healthy environment for living things, including humans

Developing Investigation and Communication Skills:

- 2.2. Investigate and compare the basic needs of humans and other living things, including the need for air, water, food, warmth, and space, using a variety of methods and resources
- 2.3. Investigate and compare the physical characteristics of a variety of plants and animals, including humans
- 2.5. Investigate characteristics of parts of the human body, including the five sense organs, and explain how those characteristics help humans meet their needs and explore the world around them
- 2.6. Use appropriate science and technology vocabulary, including investigation, explore, needs, space, and food, in oral and written communication

Understanding Basic Concepts:

- 3.2. Identify the physical characteristics of a variety of plants and animals
- 3.3. Identify the location and function of major parts of the human body, including sense organs
- 3.4. Describe the characteristics of a healthy environment, including clean air and water and nutritious food, and explain why it is important for all living things to have a healthy environment

TENTATIVE AGENDA

10:00 am Classroom	 Arrival and Introduction to the Topic Check-in with Guest Services Meet Program Leader and Volunteer and travel to classroom Introduce topic and vocabulary Explore the basic needs of living things for survival Explore the five senses and how animals use them in their environment to meet their needs 	
10:30 am	Morning Snack (optional)	
10:40 am On-site Tour	 Follow our Noses Tour Explore a section of the Zoo (e.g. Indo-Malaya Pavilion) and observe the different ways animals use their senses to survive in their environment 	
12:00 pm	 Unch Opportunity for students to explore biofacts (e.g. skulls, furs, feathers, etc.) 	
12:25 pm Classroom	 Review and/or Activity Review vocabulary introduced in the morning session and/or "Animal Senses" puzzle 	
12:40 pm On-site Tour	 Do You See What I See Tour Visit a different section of the Zoo and continue to explore the different ways animals use their senses to survive 	
1:50 pm	 Wrap-up and Departure Recap some of the ways students observed animals moving during the day 	

VOCABULARY		
body	eyes	ears
tongue	mouth	nose
antenna	receptors	environment/habitat
adaptation	predator	prey
needs	shelter	space