

# Grade 1 Full-day Workshop: *Animal Senses*



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## OVERVIEW & PROGRAM GOALS

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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.

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## SPECIFIC EXPECTATIONS

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### **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

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## TENTATIVE AGENDA

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<b>10:00 am</b> <i>Classroom</i>	<b>Arrival and Introduction to the Topic</b> <ul style="list-style-type: none"><li>• Check-in with Guest Services</li><li>• Meet Program Leader and Volunteer and travel to classroom</li><li>• Introduce topic and vocabulary<ul style="list-style-type: none"><li>○ Explore the basic needs of living things for survival</li><li>○ Explore the five senses and how animals use them in their environment to meet their needs</li></ul></li></ul>
<b>10:30 am</b>	<b>Morning Snack</b> ( <i>optional</i> )
<b>10:40 am</b> <i>On-site Tour</i>	<b>Follow our Noses Tour</b> <ul style="list-style-type: none"><li>• 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</li></ul>
<b>12:00 pm</b>	<b>Lunch</b> <ul style="list-style-type: none"><li>• Opportunity for students to explore biofacts (e.g. skulls, furs, feathers, etc.)</li></ul>
<b>12:25 pm</b> <i>Classroom</i>	<b>Review and/or Activity</b> <ul style="list-style-type: none"><li>• Review vocabulary introduced in the morning session and/or “Animal Senses” puzzle</li></ul>
<b>12:40 pm</b> <i>On-site Tour</i>	<b>Do You See What I See Tour</b> <ul style="list-style-type: none"><li>• Visit a different section of the Zoo and continue to explore the different ways animals use their senses to survive</li></ul>
<b>1:50 pm</b>	<b>Wrap-up and Departure</b> <ul style="list-style-type: none"><li>• Recap some of the ways students observed animals moving during the day</li></ul>

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## VOCABULARY

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