

Grade 1 Full-day Workshop: *Animal Movement*



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 move within 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
- 2.6. 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
- 3.4. 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

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| 10:00 am <i>Classroom</i> | Arrival and Introduction to the Topic <ul style="list-style-type: none">• Check-in with Guest Services• Meet Program Leader and Volunteer and travel to classroom• Introduce topic and vocabulary<ul style="list-style-type: none">○ Explore the basic needs of living things for survival○ Identify physical characteristics of animals that help them move in their environment to meet their needs |
| 10:30 am | Morning Snack (<i>optional</i>) |
| 10:40 am <i>On-site Tour</i> | Let's Get Moving Tour <ul style="list-style-type: none">• Explore a section of the Zoo (e.g. Indo-Malaya Pavilion) and observe the different ways animals move in their environment |
| 12:00 pm | Lunch <ul style="list-style-type: none">• Opportunity for students to explore biofacts (e.g. skulls, furs, feathers, etc.) |
| 12:25 pm <i>Classroom</i> | Review and/or Activity <ul style="list-style-type: none">• Review vocabulary introduced in the morning session and/or "Animal Yoga" |
| 12:40 pm <i>On-site Tour</i> | Move It Tour <ul style="list-style-type: none">• Visit a different section of the Zoo and continue to explore the different ways animals move in their environment |
| 1:50 pm | Wrap-up and Departure <ul style="list-style-type: none">• Recap some of the ways students observed animals moving during the day |

VOCABULARY

| | | |
|---------|------------|---------------------|
| body | wings | legs |
| feelers | fins | flippers |
| tail | adaptation | environment/habitat |
| food | predator | prey |
| needs | shelter | space |