

# Educational Programs for Grade K

## Correlated to Tennessee State Science Standards

Revised 12/2014

### Small Groups (< 60 students)

Minimum number of programs will be determined by multiples of 20.

(For a group of 40 students, the minimum number of programs will be 2; 60 students will be 3)

\* - All programs correlated with TN State Curriculum Standards in Science.

\*\* - Staff led programs with rotation style schedule.

\*\*\* - Groups should be split into a maximum of 20 students.

Program Title	Description	Price and Location	GLE Correlations
<p style="text-align: center;"><b>Reptiles and Amphibians</b></p>	<p>What's the difference between a lizard and a salamander? How about a turtle and a toad? Discover some similarities and many differences between these two classes of cold-blooded vertebrates. Our resident educational animals will help out through a hands-on exploration of these unique animals.</p>	<p><b>Price:</b> \$2.00/student <b>Location:</b> Wilderness Station at Barfield Crescent Park</p>	<p><b>GLE 0007.Inq.1</b> Observe the world of familiar objects using the senses and tools. <b>GLE 0007.1.1</b> Recognize that many things are made of parts. <b>GLE 0007.2.1</b> Recognize that some things are living and some are not. <b>GLE 0007.3.1</b> Recognize that living things require water, food, and air. <b>GLE 0007.4.2</b> Observe that offspring resemble their parents. <b>GLE 0007.5.1</b> Compare the basic features of plants and animals.</p>
<p style="text-align: center;"><b>Animal Senses</b></p>	<p>Animals rely on their senses to survive in the wild. On this hike we will learn how to use all five of our senses more effectively and explore the unique ways animals use their senses in the wilderness.</p>	<p><b>Price:</b> \$2.00/student <b>Location:</b> Wilderness Station at Barfield Crescent Park</p>	<p><b>GLE 0007.Inq.1</b> Observe the world of familiar objects using the senses and tools. <b>GLE 0007.3.1</b> Recognize that living things require water, food, and air. <b>GLE 0007.5.1</b> Compare the basic features of plants and animals.</p>

<p><b>Exploring the River</b></p>	<p>Hike down to the west fork of the Stones River to explore the aquatic life that resides there. Learn about the three ways scientists determine water quality through collecting species, physical traits and the use of various instruments. Then decide for yourself if our river is clean. Allow 2 hours for this program.</p>	<p><b>Price:</b> \$4.00/student  <b>Location:</b> Wilderness Station at Barfield Crescent Park</p>	<p><b>GLE 0007.Inq.1</b> Observe the world of familiar objects using the senses and tools.  <b>GLE 0007.Inq.2</b> Ask questions, make logical predictions, plan investigations, and represent data.  <b>GLE 0007.Inq.3</b> Explain the data from an investigation.  <b>GLE 0007.2.1</b> Recognize that some things are living and some are not.  <b>GLE 0007.2.2</b> Know that people interact with their environment through their senses.  <b>GLE 0007.5.1</b> Compare the basic features of plants and animals.</p>
<p><b>Living Things</b></p>	<p>The forest is full of life. Join us on this hike as we look at living things in their natural environment.</p>	<p><b>Price:</b> \$2.00/student  <b>Location:</b> Wilderness Station at Barfield Crescent Park</p>	<p><b>GLE 0007.Inq.1</b> Observe the world of familiar objects using the senses and tools.  <b>GLE 0007.2.1</b> Recognize that some things are living and some are not.  <b>GLE 0007.2.2</b> Know that people interact with their environment through their senses.  <b>GLE 0007.3.1</b> Recognize that living things require water, food, and air.  <b>GLE 0007.5.1</b> Compare the basic features of plants and animals.</p>
<p><b>Insect IQ</b></p>	<p>What makes an insect an insect? What special features do they have to help them survive in a giant's world? Learn all about our six-legged friends and be amazed at the special creatures that can be found almost everywhere.</p>	<p><b>Price:</b> \$2.00/student  <b>Location:</b> Wilderness Station at Barfield Crescent Park</p>	<p><b>GLE 0007.Inq.1</b> Observe the world of familiar objects using the senses and tools.  <b>GLE 0007.1.1</b> Recognize that many things are made of parts.  <b>GLE 0007.3.1</b> Recognize that living things require water, food, and air.  <b>GLE 0007.5.1</b> Compare the basic features of plants and animals.</p>

<p><b>Plant Basics</b></p>	<p>Plants are an essential link in the food chain. Where would we be without these green machines? Come discover the ins and outs of plants such as their parts, functions and pollination through a hands-on exploration of these important living things.</p>	<p><b>Price:</b> \$2.00/student <b>Location:</b> Wilderness Station at Barfield Crescent Park</p>	<p><b>GLE 0007.Inq.1</b> Observe the world of familiar objects using the senses and tools. <b>GLE 0007.1.1</b> Recognize that many things are made of parts. <b>GLE 0007.3.1</b> Recognize that living things require water, food, and air. <b>GLE 0007.5.1</b> Compare the basic features of plants and animals.</p>
<p><b>Earth Matters I</b></p>	<p>Did you know the Earth has skin like we do? It's called soil! Soil is vital to every living thing on our planet, plus it recycles itself. Come learn more about soil, recycling, and decomposition. Because our Earth Matters!</p>	<p><b>Price:</b> \$2.00/student <b>Location:</b> Wilderness Station at Barfield Crescent Park</p>	<p><b>GLE 000.7.7.1</b> Identify non-living materials found on the surface of the earth. <b>GLE 0007.7.2</b> Recognize that some objects are manmade and that some occur naturally.</p>
<p><b>Mammals of Tennessee</b></p>	<p>Why are we in the same class as a bat? Learn what special characteristics mammals have to make them mammals – including us. Discover our native mammals through a hands-on exploration of pelts &amp; skulls.</p>	<p><b>Price:</b> \$2.00/student <b>Location:</b> Wilderness Station at Barfield Crescent Park</p>	<p><b>GLE 0107.Inq.1</b> Observe the world of familiar objects using the senses and tools. <b>GLE 0107.1.1</b> Recognize that living things have parts that work together. <b>GLE 0107.3.1</b> Recognize that plants and animals are living things that grow and change over time. <b>GLE 0107.5.1</b> Investigate how plants and animals can be grouped according to their habitats.</p>

## How to Make a Reservation

1. Pick a date.
  - We accommodate school groups on Thursdays and Fridays.
  - Call early as we fill up fast, especially in the spring and fall.
2. Pick a program or several programs.
  - Choose one (or more) from the above page that is appropriate for your group.
  - Programs run approximately 45 minutes each (unless otherwise noted).
  - Groups should be split into a maximum of 20 students.
3. Call to schedule your group.
  - Contact Rachel Singer at 217 – 3017 or [rsinger@murfreesborotn.gov](mailto:rsinger@murfreesborotn.gov) to reserve a date and discuss program options.

**Scroll down for more programs.....**

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## Correlated to Tennessee State Science Standards

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### Large Groups (> 60 students)

Generic Agenda	
9 AM – 10 AM	Staff Led Program
10 AM – 11 AM	Post Activity and Hike with your class
11 AM – 11:30 AM	Sack Lunch in the park (not provided by MPRD)
11:30 am – 2 PM	Free Time/Playground and Green Space
<b>Note to Teachers: Times can be adjusted to fit school schedules.</b>	

<b>\$40.00 Pavilion rental + \$3.00 per student participating</b> (Unless otherwise noted)
** Post activities provided
** All programs correlated with TN State Curriculum Standards in Science
** Staff present for program and post activities

Program Title	Description	Price and Location	GLE Correlations
<b>If I Were an Owl...</b>	How would you fill in the blank? Discover what senses an owl relies on to survive in the wild, how they interact with living and non-living things in their environment, and how pollution and other man-made obstacles can affect these special creatures.	<b>Price:</b> \$3.00/student <b>Location:</b> Barfield Crescent Park; Old Fort Park or Cason Trail (school picks)	<b>GLE 0007.Inq.1</b> Observe the world of familiar objects using the senses and tools. <b>GLE 0007.2.2</b> Know that people interact with their environment through their senses. <b>GLE 0007.3.1</b> Recognize that living things require water, food, and air. <b>GLE 0007.5.1</b> Compare the basic features of plants and animals.
<b>Aquatic Mammals</b>	Discover what mammals live in the Stones River and how they are able to survive year round. Students will be able to compare and contrast a beaver, an otter, a muskrat, and a mink; while learning about their requirements for survival, special adaptations, and what challenges they face in the wild.	<b>Price:</b> \$3.00/student <b>Location:</b> Barfield Crescent Park; Old Fort Park or Cason Trail (school picks)	<b>GLE 0007.Inq.1</b> Observe the world of familiar objects using the senses and tools. <b>GLE 0007.3.1</b> Recognize that living things require water, food, and air. <b>GLE 0007.5.1</b> Compare the basic features of plants and animals.

<p><b>Reptiles Everywhere</b></p>	<p>Everybody know that a turtle lives in a shell, but how long can it hold it's breath; how old do rattlesnakes live; and how many different reptiles can be found here in Tennessee? Learn the unique features that have enabled these creatures to live with the dinosaurs and the dangers they face in today's world. A visit from some scaly friends will help us uncover these mysteries and provide and up-close look at some loveable reptiles.</p>	<p><b>Price:</b> \$3.00/student  <b>Location:</b> Barfield Crescent Park; Old Fort Park or Cason Trail (school picks)</p>	<p><b>GLE 0007.Inq.1</b> Observe the world of familiar objects using the senses and tools.  <b>GLE 0007.3.1</b> Recognize that living things require water, food, and air.  <b>GLE 0007.4.2</b> Observe that offspring resemble their parents.  <b>GLE 0007.5.1</b> Compare the basic features of plants and animals.</p>
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