

Educational Programs for Grade 1

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
Animal Senses	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.	Price: \$2.00/student Location: Wilderness Station at Barfield Crescent Park	GLE 0107.Inq.1 Observe the world of familiar objects using the senses and tools. GLE 0107.1.1 Recognize that living things have parts that work together. GLE 0107.1.2 Use tools to examine major body parts and plant structures. GLE 0107.3.1 Recognize that plants and animals are living things that grow and change over time.
Living Things	The forest is full of life. Join us on this hike as we look at living things in their natural environment.	Price: \$2.00/student Location: Wilderness Station at Barfield Crescent Park	GLE 0107.Inq.1 Observe the world of familiar objects using the senses and tools. GLE 0107.1.1 Recognize that living things have parts that work together. GLE 0107.1.2 Use tools to examine major body parts and plant structures. GLE 0107.2.1 Distinguish between living and non-living things in an environment. GLE 0107.3.1 Recognize that plants and animals are living things that grow and change over time.

<p>Exploring the River</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>Price: \$4.00/student Location: Wilderness Station at Barfield Crescent Park</p>	<p>GLE 0107.Inq.1 Observe the world of familiar objects using the senses and tools. GLE 0107.Inq.2 Ask questions, make logical predictions, plan investigations, and represent data. GLE 0107.1.1 Recognize that living things have parts that work together. GLE 0107.1.2 Use tools to examine major body parts and plant structures. GLE 0107.2.1 Distinguish between living and non-living things in an environment. GLE 0107.3.1 Recognize that plants and animals are living things that grow and change over time. GLE 0107.4.1 Observe and illustrate the life cycle of animals. GLE 0107.5.1 Investigate how plants and animals can be grouped according to their habitats.</p>
<p>Mammals of Tennessee</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 & skulls.</p>	<p>Price: \$2.00/student Location: Wilderness Station at Barfield Crescent Park</p>	<p>GLE 0107.Inq.1 Observe the world of familiar objects using the senses and tools. GLE 0107.1.1 Recognize that living things have parts that work together. GLE 0107.3.1 Recognize that plants and animals are living things that grow and change over time. GLE 0107.5.1 Investigate how plants and animals can be grouped according to their habitats.</p>

<p>Insect IQ</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>Price: \$2.00/student Location: Wilderness Station at Barfield Crescent Park</p>	<p>GLE 0107.Inq.1 Observe the world of familiar objects using the senses and tools. GLE 0107.1.1 Recognize that living things have parts that work together GLE 0107.3.1 Recognize that plants and animals are living things that grow and change over time. GLE 0107.4.1 Observe and illustrate the life cycle of animals.</p>
<p>Plant Basics</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 parts, functions and pollination through a hands-on exploration of these important living things.</p>	<p>Price: \$2.00/student Location: Wilderness Station at Barfield Crescent Park</p>	<p>GLE 0107.Inq.1 Observe the world of familiar objects using the senses and tools. GLE 0107.1.1 Recognize that living things have parts that work together. GLE 0107.3.1 Recognize that plants and animals are living things that grow and change over time.</p>
<p>Reptiles and Amphibians</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>Price: \$2.00/student Location: Wilderness Station at Barfield Crescent Park</p>	<p>GLE 0107.Inq.1 Observe the world of familiar objects using senses and tools. GLE 0107.1.1 Recognize that living things have parts that work together. GLE 0107.3.1 Recognize that plants and animals are living things that grow and change over time. GLE 0107.4.1 Observe and illustrate the life cycle of animals. GLE 0107.4.2 Describe the ways in which animals closely resemble their parents. GLE 0107.5.1 Investigate how plants and animals can be grouped according to their habitats.</p>

<p>Earth Matters</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>Price: \$2.00/student Location: Wilderness Station at Barfield Crescent Park</p>	<p>GLE 0207.7.1 Compare and record the components of a variety of soil types. GLE 0207.7.1 Describe rocks according to their origin, size, shape, texture, and color.</p>
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How to Make a Reservation

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

Scroll down for more programs.....

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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
Note to Teachers: Times can be adjusted to fit school schedules.	

\$40.00 Pavilion rental + \$3.00 per student participating (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
If I Were and Owl	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.	Price: \$3.00/student Location: Barfield Crescent Park; Old Fort Park or Cason Trail (school picks)	GLE 0107.Inq.1 Observe the world of familiar objects using senses and tools. GLE 0107.1.1 Recognize that living things have parts that work together. GLE 0107.3.1 Recognize that plants and animals are living things that grow and change over time. GLE 0107.5.1 Investigate how plants and animals can be grouped according to their habitats.
Aquatic Mammals of the Stones River	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.	Price: \$3.00/student Location: Barfield Crescent Park; Old Fort Park or Cason Trail (school picks)	GLE 0107.Inq.1 Observe the world of familiar objects using senses and tools. GLE 0107.1.1 Recognize that living things have parts that work together. GLE 0107.3.1 Recognize that plants and animals are living things that grow and change over time. GLE 0107.5.1 Investigate how plants and animals can be grouped according to their habitats.

<p>Reptiles Everywhere</p>	<p>Everybody knows that a turtle lives in a shell but how long can it hold its 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 an up-close look at some loveable reptiles.</p>	<p>Price: \$3.00/student Location: Barfield Crescent Park; Old Fort Park or Cason Trail (school picks)</p>	<p>GLE 0107.Inq.1 Observe the world of familiar objects using senses and tools. GLE 0107.1.1 Recognize that living things have parts that work together. GLE 0107.3.1 Recognize that plants and animals are living things that grow and change over time. GLE 0107.4.1 Observe and illustrate the life cycle of animals. GLE 0107.4.2 Describe the ways in which animals closely resemble their parents. GLE 0107.5.1 Investigate how plants and animals can be grouped according to their habitats.</p>
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