

Educational Programs for Grade 3

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
Reptiles & Amphibians	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. Our resident educational animals will help out through a hands-on exploration of these unique animals.	Price: \$2.00/student Location: Wilderness Station at Barfield Crescent Park	GLE 0307.2.2 Explain how organisms with similar needs compete with one another for resources. GLE 0307.3.1 Describe how animals use food to obtain energy and materials for growth and repair. GLE 0307.4.1 Identify the different life stages through which plants and animals pass. GLE 3037.5.1 Explore the relationship between an organism's characteristics and its ability to survive in a particular environment.
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 3037.5.1 Explore the relationship between an organism's characteristics and its ability to survive in a particular environment.

<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 0307.4.1 Identify the different life stages through which plants and animals pass. GLE 3037.5.1 Explore the relationship between an organism’s characteristics and its ability to survive in a particular environment.</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 0307.2.2 Explain how organisms with similar needs compete with one another for resources. GLE 0307.3.1 Describe how animals use food to obtain energy and materials for growth and repair.</p>
<p>Living Things</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>Price: \$2.00/student Location: Wilderness Station at Barfield Crescent Park</p>	<p>GLE 0307.2.1 Categorize things as living or non-living. GLE 0307.5.1 Explore the relationship between an organism’s characteristics and its ability to survive in a particular environment. GLE 0307.7.3 Distinguish between natural and man-made objects.</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 0307.3.1 Describe how animals use food to obtain energy and materials for growth and repair. GLE 0307.4.1 Identify the different life stages through which plants and animals pass. GLE 3037.5.1 Explore the relationship between an organism’s characteristics and its ability to survive in a particular environment.</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 0307.1.1 Use magnifiers to make observations of specific plant and animal body parts and describe their functions.</p>
<p>Predator/Prey</p>	<p>Everybody needs to eat! Learn about the delicate balance of an ecosystem by creating your own food chain. Then try your hand at an activity to see if you'd survive as a predator or a prey.</p>	<p>Price: \$2.00/student Location: Wilderness Station at Barfield Crescent Park</p>	<p>GLE 0307.2.2 Explain how organisms with similar needs compete with one another for resources. GLE 03073.1 Describe how animals use food to obtain energy and materials for growth and repair. GLE 0307.5.1 Explore the relationship between an organism's characteristics and its ability to survive in a particular environment.</p>
<p>Endangered Species</p>	<p>Many species of plants and animals are diminishing at an alarming rate. What can we do about it? Learn why this is happening, what species are at the highest risk, and what can be done to turn this trend around.</p>	<p>Price: \$2.00/student Location: Wilderness Station at Barfield Crescent Park</p>	<p>GLE 0307.2.2 Explain how organisms with similar needs compete with one another for resources. GLE 0307.3.1 Describe how animals use food to obtain energy and materials for growth and repair. GLE 3037.5.1 Explore the relationship between an organism's characteristics and its ability to survive in a particular environment. GLE 0307.5.2 Classify organisms as thriving, threatened, endangered, or extinct.</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 0307.7.3 Distinguish between natural and man-made objects. GLE 0307.7.2 Recognize that rocks can be composed of one or more minerals.</p>
<p>Earth Matters II (2nd & 3rd grade only)</p>	<p>What's the most common rock in Tennessee? What is it made of? Join us on this hike to find out, and learn more about other rocks found in our diverse state.</p>	<p>Price: \$2.00/student Location: Wilderness Station at Barfield Crescent Park</p>	<p>GLE 0307.7.2 Recognize that rocks can be composed of one or more minerals.</p>
<p>Animal Signs</p>	<p>Explore the many clues left behind by our animal inhabitants through this educational hike. Just because we can't always see them doesn't mean they're not there! Learn how to become an animal detective.</p>	<p>Price: \$2.00/student Location: Wilderness Station at Barfield Crescent Park</p>	<p>GLE 0307.4.1 Identify the different life stages through which plants and animals pass. GLE 0307.3.1 Describe how animals use food to obtain energy and materials for growth and repair. GLE 0307.2.1 Categorize things as living or non-living.</p>
<p>My Tennessee Home</p>	<p>Tennessee is one of the most diverse states in this country and we are lucky enough to share in its beauty. On this hike, we will learn about and admire the nature symbols that define the state of Tennessee.</p>	<p>Price: \$2.00/student Location: Wilderness Station at Barfield Crescent Park</p>	<p>GLE 0307.4.1 Identify the different life stages through which plants and animals pass. GLE 3037.5.1 Explore the relationship between an organism's characteristics and its ability to survive in a particular environment.</p>

<p>Turtles of Tennessee</p>	<p>There are many differences between species of turtles from where they live, to what they eat, to what threatens them. We will study three (3) very different turtles that can be found here in Murfreesboro and look at special adaptations they each have. Examine live turtles and shells as we classify each animal to determine their similarities and their differences.</p>	<p>Price: \$2.00/student Location: Wilderness Station at Barfield Crescent Park</p>	<p>GLE 0307.2.2 Explain how organisms with similar needs compete with one another for resources. GLE 0307.3.1 Describe how animals use food to obtain energy and materials for growth and repair. GLE 3037.5.1 Explore the relationship between an organism’s characteristics and its ability to survive in a particular environment. GLE 0307.5.2 Classify organisms as thriving, threatened, endangered, or extinct.</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.

Educational Programs for Grade 3

Correlated to Tennessee State Science Standards

Revised 12/14

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 an 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 0307.3.1 Describe how animals use food to obtain energy and materials for growth and repair. GLE 0307.5.1 Explore the relationship between an organism's characteristics and its ability to survive in a particular environment.
Aquatic Mammals I	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 0307.2.2 Explain how organisms with similar needs compete with one another for resources. GLE 0307.3.1 Describe how animals use food to obtain energy and materials for growth and repair. GLE 0307.5.1 Explore the relationship between an organism's characteristics and its ability to survive in a particular environment.

<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 lovable reptiles.</p>	<p>Price: \$3.00/student Location: Barfield Crescent Park; Old Fort Park or Cason Trail (school picks)</p>	<p>GLE 0307.2.2 Explain how organisms with similar needs compete with one another for resources. GLE 0307.3.1 Describe how animals use food to obtain energy and materials for growth and repair. GLE 0307.5.1 Explore the relationship between an organism's characteristics and its ability to survive in a particular environment.</p>
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