

Land Between The Lakes  
NATIONAL RECREATION AREA



Group

Program



Guide



**USDA  
FOREST  
SERVICE**

Additional information and resources for educators are now available on our website,  
[www.lbl.org](http://www.lbl.org)

From the LBL home page, click the “Explore and Learn” button to find:

- The Group Program Guide and program correlations
- Pre- and post-trip activities for each program offered at The Homeplace and Woodlands Nature Station
- Information about Brandon Spring Group Center and its educational opportunities and programs
- Additional information about The Homeplace, Elk & Bison Prairie, Golden Pond Planetarium, and Woodlands Nature Station
- Links to other teaching resources for your classroom

# Our Facilities

## Woodlands Nature Station

This environmental education center communicates the relationship between people, past and present, and the area's natural resources. You will find a hub of activities featuring live animal and plant exhibits, hands-on discovery activities, hiking trails, and special events. Live animals include red wolves, a bald eagle, a bobcat, coyotes, deer, and a variety of raptors, snakes, and turtles.

## The Homeplace

Our living history farm recalls the lifestyles and customs of a family living between the Cumberland and Tennessee Rivers—the dominant features of this area. A setting of farm animals, antique furnishings, historic log buildings, and traditional activities re-creates a rich tradition of farming from the mid-19th century. Interpreters, dressed in period clothing, bring the farm to life as they demonstrate agricultural skills and work habits that changed the area's landscape.

## Golden Pond Planetarium

Located within the Golden Pond Visitor Center, the 84-seat planetarium offers a variety of astronomy programs for audiences of all ages. Visual effects projected onto the planetarium's 40-foot dome allow you to sail through our solar system or explore the depths of a black hole.

## Elk & Bison Prairie

Enjoy watching elk, bison, and other wildlife species as you drive through a prairie that represents a landscape once typical of western Kentucky and Tennessee. Interpretive stops along the route tell the story of the land, vegetation, wildlife, and people who inhabited Kentucky's barrens.

## On your field trip to LBL, consider exploring and learning at these sites, too!

- Hematite Lake trail and picnic area
- Center Furnace site and interpretive trail
- South Bison Range
- Great Western Furnace site
- Golden Pond Visitor Center—heritage exhibit and picnic area

## Brandon Spring Group Center

Why turn around and head back to school just when your students are starting to really enjoy the learning opportunities that LBL has to offer? With 128 beds, cafeteria, meeting rooms, recreational activities and a full array of programs to complement your educational goals, Brandon Spring Group Center is the perfect companion to our day-use facilities.

Imagine the lights turning on in students' minds when they wade in a nearby creek to observe a crawfish in its natural habitat.

Take the kids into the forest and teach them how to read a map and compass in order to find their way back.

Let our program staff show them how to survive in the woods by building their very own debris shelters.

These and countless other learning adventures are awaiting you and your students. Let our professional staff help you plan your 2-, 3-, or 4-day trip to LBL and the surrounding area. Give us a call (270-924-2044) to learn more about the total experience LBL has to offer.

**Discounted rates are available during the winter months and for first-time groups.** Reservations are taken up to one year in advance.

Call **270-924-2020** for additional information about **Scout Programs and Excursion Program Offerings**, such as Canoe Trips, Night Visuals, Eagle Field Trips, and Owl Prowls.

## Reservation Information

The following programs are offered to pre-scheduled groups throughout the operating season (March 1-November 30). Programs vary in length and therefore differ in costs. During December, January, and February, programs are offered on a limited basis by reservation.

We recommend you schedule your group at least one week in advance. Reservations are handled on a first-come, first-served basis. For reservations, cost, and other information, call our group scheduler at 270-924-2020, 8 am – 4:30 pm, Monday through Friday. Minimum group size is 10 paying participants.



## The Homeplace

### SHOW & TELL HISTORY

*All Ages. \$3 per participant.*

Discover what daily life on a mid-19th century farm was like by visiting with interpreters at various stops as you tour the farm. You will get a chance to talk about the different roles of people on the farm, discover some of the many uses for the crops and animals raised on the farm, and discover how heavily people depended on natural resources in their daily life.

### TOYS AND GAMES

*K through 2nd grade. \$3 per participant.*

What did children do for fun before the age of television and Playstation? Discover toys that were made at home and learn some games that taught the children skills while they played.

### CHILDREN'S CHORES

*K through 2nd grade. \$3 per participant.*

No time to play until you finish your chores. Who hasn't heard that before? For children of the mid-19th century, this was a necessity. Not finishing their chores meant the family might go without water or firewood. Help us finish up the day's chores!

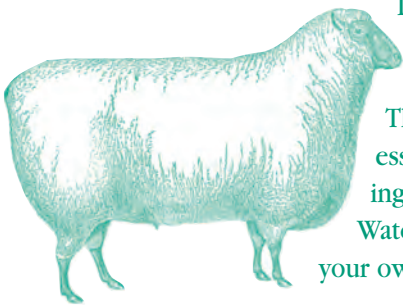
### SPINNING WOOL

*K through 6th grade. \$3 per participant.*

Discover the process of how wool is turned into yarn. This process is not as simple as it sounds.

There are many steps and skills necessary to make yarn including shearing, cleaning, carding, and spinning.

Watch these demonstrations and try your own hand at spinning.



### A WALK WITH THE ANIMALS: ENDANGERED ANIMALS?

*3rd through 12th grade. \$3 per participant.*

When you think of endangered animals, what comes to your mind? Pandas, spotted owls, blue whales? What about chickens, sheep, and pigs? Go on a guided tour to see the various animals on the farm and learn about endangered farm animals.

### WORKING WITH WOOD

*3rd through 12th grade. \$3 per participant.*

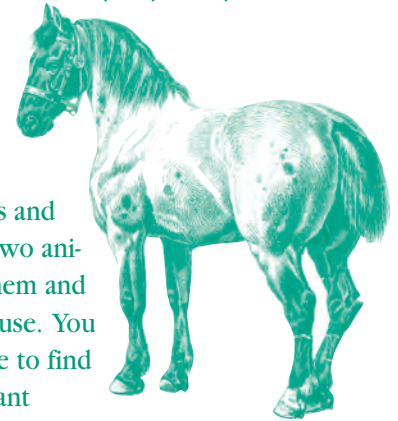
Wood was a tremendous resource on a farm. It was used in everything from the family house, to the fences around their crops, to the chairs they sat in, to the tools used on the farm. We will discuss wood as a resource, as well as demonstrate the use of some of the tools that would be used on a farm in the mid-19th century. We will even let you try your hand at splitting a rail!

### HORSE AND OX POWER

*3rd through 12th grade. \$3 per participant.*

In the days before tractors, horses and oxen provided much of the power to work the land.

Discover the benefits and limitations of these two animals by observing them and the equipment they use. You will also get a chance to find out just how important teamwork and trust are when working with these animals by taking a turn in the harness yourself!



## Nature Station

### A WALK THROUGH NATURE: SELF-GUIDED TOUR OF THE BACKYARD

*Pre-K through adult.*

*\$2 per participant.*

Step into the world of nature on a self-guided visit to explore our native wildlife exhibits, gardens, and indoor displays. Use your observation skills as you encounter owls, a bald eagle, a bobcat, turtles, and other resident wildlife during your stroll through the Nature Station.

#### Note:

A Walk Through Nature is part of all programs listed for Nature Station.

### BACKYARD SAFARI: SENSORY ADVENTURE

*K through 2nd grade. \$3 per participant.*

Your senses will come alive as we investigate the world of animals during a guided sensory walk through the backyard wildlife exhibits. Students will smell, touch, look, and listen as they discover how both people and animals use their senses.



## Nature Station, cont.

### ANIMALS OF THE FOREST

*Pre-K through 2nd grade. \$3 per participant.*

Children will discover the world of the forest and the animals that live there during this engaging program. Through an interactive puppet show, an up-close encounter with a live animal, and more, students will learn about the many animals that live in the forest.

### ANIMALS OF THE POND

*Pre-K through 2nd grade. \$3 per participant.*

Children will discover the world of a pond and the creatures that live there during this engaging program. Through an interactive puppet show, an up-close encounter with a live animal, and more, students will learn about the many animals that live in a pond.

### NATURE HIKE: ANIMAL SIGNS & CLUES

*K through 6th grade. \$4 per participant.*

Your students will use their senses, make observations, and take part in staff-led activities as we explore the trail for animal signs during this 1-mile (or less) hike. We will learn how wildlife survive in their habitat by examining their homes, food remains, tracks, and other clues they leave behind.

### NATURE HIKE: PLANT PATROL

*2nd through 6th grade. \$4 per participant.*

Let's go for a guided nature hike to explore the world of plants. Through activities and observations, we will examine the differences among types of plants, their adaptations for survival and reproduction, what the parts of plants do, and how wildlife depend on plants for survival.

### POND PROWL

*K through 6th grade. \$4 per participant.*

Are you ready to "dip in" and search the wet, the muddy, and the mysterious? Your students will use dip nets and magnifiers to explore life in a pond and learn about the adaptations, behaviors, and life cycles of the tiny creatures that live in this habitat.

### BACKYARD SAFARI: SECRETS OF SURVIVAL

*2nd through 6th grade.*

*\$3 per participant.*

Animals have all the tools they need to protect themselves, find food, and survive within their habitats. Students will observe the wildlife in our backyard and learn about the exceptional adaptations many animals use in the fight for survival!



### IN COLD BLOOD

*2nd grade through adult. \$3 per participant.*

Enjoy this up-close encounter with live reptiles and amphibians! For younger groups, the program will focus on adaptations, life cycles, and classification. With older groups, we will also explore how environmental changes have affected these animals and learn about their unique behaviors.

### BACKYARD SAFARI: WEB OF LIFE

*3rd through 6th grade. \$3 per participant.*

As we visit the animals in our backyard, your students will explore relationships between animals, plants, and their environment. From food webs to predator-prey interactions, we will examine the many connections between different organisms in an ecosystem.

### BACKYARD SAFARI: ANIMALS, ART, AND WRITING

*3rd through 6th grade. \$3 per participant.*

The Nature Station wildlife and plants are perfect for creative inspiration! This guided tour of the backyard includes fun language and arts activities. Students will observe, reflect, and communicate by writing and drawing from their experiences.



*More programs  
continue on  
next page!*



## Nature Station, cont.

### FRESHWATER ECOLOGY

*5th grade through adult. \$5 per participant with group-provided transportation. \$8 per participant with NS-provided transportation.*

Bring your class or group for a hands-on exploration of a stream or wetland! Freshwater ecosystems, so vibrant with life yet so sensitive to environmental change, offer a perfect opportunity for scientific investigation. Students will collect and identify a diversity of aquatic creatures, examine how they survive in their environment, and assess the water quality and surrounding habitat.

### BACKYARD SAFARI: WILDLIFE CONSERVATION

*6th grade through adult. Extended program available for high school, college, and adult groups, upon request. \$3 per participant.*



What is wildlife? What is conservation? How do environmental changes and human activities affect wildlife? As we introduce your students to our resident wildlife, we will explore these questions. Students will develop a greater understanding of how a variety of factors can cause changes to wildlife populations and the ecosystem as a whole.

### CAREER DISCOVERY: NATURAL RESOURCE INTERPRETATION

*High school through adult. \$3 per participant.*  
Our job at the Nature Station is "interpretation." We work to foster understanding, appreciation, and responsible use of the natural resources of Land Between The Lakes. During this tour of our nature center, we will introduce your students to the field of interpretation - its purposes, methods, and role in natural resource management.

## Golden Pond Planetarium

### 3-2-1 BLASTOFF

*K through 3rd grade. \$1.75 per participant.*  
Explore the solar system with cybernauts Deven and Alex aboard the Sol I for an amazing tour of the sun, planets, moons, and other space features.

### BEAR TALES

*K through 3rd grade. \$1.75 per participant.*  
Join us on a family camping trip under the stars and listen in as the family is regaled by Grandpa Ben's lively tall tales about the night sky. Take a tour of the season's constellations; learn why the bears in the sky have long tails, or is that tales?

### KENTUCKY SKIES

*5th grade through adult. \$1.75 per participant.*  
Students get a sneak-peak at tonight's sky through the magic of our 40-foot dome. Learn the constellations, the lore of the night sky, and some celestial events you can view for yourself.

### BLOWN AWAY: THE WILD WORLD OF WEATHER

*4th grade through adult. \$1.75 per participant.*  
Students will be blown away by this look at the fascinating world of weather as they are placed inside a thunderstorm, swept into a tornado, and whisked upwards for a view from space of dynamic weather. Students will explore the water cycle, how storms develop, and learn safety tips about lightning and tornadoes.

### THE SEARCH FOR LIFE IN THE UNIVERSE

*4th grade through adult. \$1.75 per participant.*  
Are we alone in the universe? Host Leonard Nimoy poses this question, which has puzzled humanity since its beginning. Examine the ingredients needed for life on our planet, learn about the Drake Equation used to determine the likelihood of life on other planets, and find out how we are using spacecraft, space telescopes, radio messages, and radio telescopes to search for life.

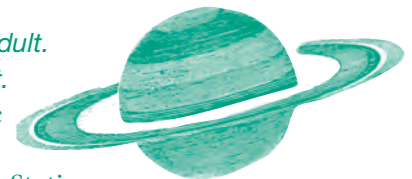
### FAR OUT SPACE PLACES

*4th grade through adult. \$1.75 per participant.*  
Two travel agency guides take you on a virtual tour of our solar system. Along the way, you'll learn about the sun, each of the nine planets, and countless moons, comets, asteroids, and meteoroids. After the tour, you can plan your own far out vacation.

### EXPLORERS OF THE INTERNATIONAL SPACE STATION

*4th grade through adult.*  
*\$1.75 per participant.*

Join those who live and work on the International Space Station (ISS) as it orbits the earth. Sixteen nations have worked together to fund and build the ISS. It is now 360 feet across and the size of three average American homes, yet it is still a work in progress. Learn how to spot the ISS in the night sky as it passes over your backyard.





## Correlations to the Kentucky Core Content for Assessment

Our school programs have been correlated to the Kentucky Core Content Standards. While the general content of each program remains consistent, the interpreter assigned to the program has the freedom to adapt activities to best meet needs of the school group. For this reason, an exact match of a particular standard may not be met.

### The Homeplace Group Programs

#### SHOW & TELL HISTORY (K-12)

SS-EP-2.3.1	SS-EP-4.4.1	SS-EP-5.1.1	SS-EP-5.2.3
SS-04-4.4.1	SS-04-5.1.1	SS-04-5.2.3	SS-05-4.4.1
SS-05-5.1.1	SS-05-5.2.3	SS-06-2.2.1	SS-06-5.1.1
SS-07-2.2.1	SS-07-5.1.1	SS-08-2.2.1	SS-08-5.1.1
SS-08-5.2.4	SS-HS-2.2.1		

#### TOYS AND GAMES (K-2)

SS-EP-2.1.1	SS-EP-2.3.1	SS-EP-5.1.1
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#### CHILDREN'S CHORES (K-2)

SS-E-1.3.1	SS-E-5.1.1	SS-E-5.2.3
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#### SPINNING WOOL (K-6)

SS-EP-3.4.1	SS-EP-4.4.1	SS-EP-5.1.1	SS-04-3.4.1
SS-04-4.4.1	SS-04-5.1.1	SS-05-3.4.1	SS-05-4.4.1
SS-05-5.1.1	SS-06-5.1.1		

#### A WALK WITH THE ANIMALS: Endangered Animals? (3-12)

SC-EP-4.6.1	SC-04-4.6.1	SC-05-3.5.1	SC-06-3.5.1
SC-07-3.5.1			

#### WORKING WITH WOOD (3-12)

SS-EP-3.1.1	SS-EP-4.3.2	SS-EP-5.1.1	SS-04-3.1.1
SS-04-4.3.2	SS-04-5.1.1	SS-05-3.1.1	SS-05-4.3.2
SS-05-5.1.1			

#### HORSE AND OX POWER (3-12)

SC-05-3.5.1	SC-05-4.6.1	SC-06-3.4.2	SC-06-3.5.1
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### Nature Station Group Programs

#### A WALK THROUGH NATURE: Self-guided Tour of the Backyard (K-12)

SC-EP-3.4.1	SC-EP-3.4.3	SC-EP-4.6.1	SC-EP-4.7.1
SC-04-3.4.1	SC-04-4.6.1	SC-04-4.7.1	SC-05-3.5.2
SC-05-3.5.1	SC-06-3.5.1	SC-07-3.5.1	

#### ANIMALS OF THE FOREST (pre-K-2)

SC-EP-3.4.1	SC-EP-4.6.1
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#### ANIMALS OF THE POND (pre-K-2)

SC-EP-3.4.1	SC-EP-3.4.4	SC-EP-4.6.1
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#### BACKYARD SAFARI: Sensory Adventure (K-2)

SC-EP-3.4.1	SC-EP-3.4.2	SC-EP-3.4.3
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#### NATURE HIKE: Animal Signs & Clues (K-6)

SC-EP-3.4.1	SC-EP-4.6.1	SC-EP-4.7.1	SC-04-3.4.1
SC-04-4.6.1	SC-05-4.7.1		

#### NATURE HIKE: Plant Patrol (2-6)

SC-EP-3.4.1	SC-EP-3.4.3	SC-EP-4.6.1	SC-04-3.4.1
SC-04-4.6.1	SC-05-3.4.1	SC-05-3.5.1	SC-05-4.7.1

#### POND PROWL (K-6)

SC-EP-3.4.1	SC-EP-3.4.2	SC-EP-3.4.3	SC-EP-3.4.4
SC-04-3.4.1	SC-04-3.4.2	SC-04-3.4.3	SC-05-4.7.1

#### BACKYARD SAFARI: Secrets of Survival (2-6)

SC-EP-3.4.1	SC-EP-3.4.2	SC-EP-3.4.3	SC-04-3.4.1
SC-04-3.4.2	SC-05-3.4.1	SC-05-3.5.1	

### IN COLD BLOOD (2-adult)

SC-EP-3.4.1	SC-EP-3.4.2	SC-EP-3.4.3	SC-EP-3.4.4
SC-04-3.4.1	SC-04-3.4.2	SC-04-3.4.3	SC-05-3.4.1
SC-05-3.5.1	SC-05-3.5.2	SC-06-3.4.2	SC-06-4.7.1
SC-08-3.4.4	SC-HS-3.4.7	SC-HS-3.5.2	SC-HS-4.7.1

#### BACKYARD SAFARI: Web of Life (3-6)

SC-EP-3.4.1	SC-EP-3.4.3	SC-EP-4.6.1	SC-04-3.4.1
SC-04-4.6.1	SC-05-4.7.1		

#### BACKYARD SAFARI: Animals, Art, & Writing (3-6)

WR-E-1.1.0	WR-E-4.7.0	WR-E-4.8.0	AH-04-4.4.1
AH-04-4.4.2	AH-05-4.4.1	AH-05-4.4.2	WR-M-1.1.0
WR-M-4.7.0	WR-M-4.8.0	AH-06-4.4.1	AH-06-4.4.2

#### FRESHWATER ECOLOGY (5-adult)

SC-05-3.5.1	SC-05-4.7.1	SC-05-4.7.2	SC-06-4.7.1
SC-07-4.7.1	SC-08-3.4.4	SC-08-4.7.1	SC-HS-3.5.2
SC-HS-4.7.1			

#### BACKYARD SAFARI: Wildlife Conservation (6-adult)

SC-06-4.7.1	SC-07-4.7.1	SC-07-3.5.1	SC-08-4.6.5
SC-08-4.7.1	SC-HS-3.5.2	SC-HS-4.7.1	SC-HS-4.7.2

#### CAREER DISCOVERY: Natural Resource Interpretation (9-Adult) N/A

### Planetarium Group Programs

#### 3-2-1 BLASTOFF (K-3)

SC-EP-1.1.2	SC-EP-1.1.3	SC-EP-1.2.3	SC-EP-2.3.1
SC-EP-2.3.2	SC-EP-2.3.3		

#### BEAR TALES (K-3)

SC-EP-2.3.3	SC-EP-2.3.4	SC-EP-2.3.5
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#### KENTUCKY SKIES (5-12)

SC-05-2.3.5	SC-06-2.3.1	SC-07-2.3.3	SC-07-4.6.1
SC-08-2.3.4	SC-HS-2.3.2	SC-HS-2.3.3	SC-HS-2.3.5
SS-HS-1.3.1	SS-HS-3.1.1	SS-HS-4.4.2	

#### BLOWN AWAY (4-9)

SC-04-2.3.3	SC-05-2.3.1	SC-05-2.3.3	SC-05-2.3.4
SC-05-2.3.5	SC-06-2.3.1	SC-06-4.6.1	SC-06-4.6.2
SC-07-2.3.3	SC-07-4.6.1	SC-07-4.6.3	SC-08-4.7.2
SC-HS-4.6.2	SC-HS-4.6.9	SC-HS-4.7.3	

#### SEARCH FOR LIFE IN THE UNIVERSE (6-12)

SC-06-3.5.1	SC-06-4.7.1	SC-07-4.6.1	SC-08-2.3.4
SC-HS-2.3.2	SC-HS-2.3.3	SC-HS-2.3.4	SC-HS-2.3.5
SC-HS-2.3.6	SC-HS-4.6.3	SC-HS-4.6.5	SC-HS-4.7.4

#### FAR OUT SPACE PLACES (4-12)

SC-04-2.3.5	SC-04-4.6.2	SC-05-2.3.5	SC-05-4.6.2
SC-06-2.3.1	SC-07-2.3.1	SC-07-2.3.3	SC-07-4.6.1
SC-07-4.6.3	SC-08-2.3.4	SC-HS-2.3.1	SC-HS-2.3.5
SC-HS-2.3.8	SC-HS-4.6.8		

#### EXPLORERS OF THE INTERNATIONAL SPACE STATION (4-12)

SC-04-4.7.1	SC-06-2.3.1	SC-06-3.5.2	SC-06-4.7.1
SC-07-1.2.1	SC-07-2.3.1	SC-08-1.2.1	SC-HS-1.2.1
SC-HS-2.3.1	SC-HS-3.4.3	SC-HS-4.6.4	SC-HS-4.7.2
SS-HS-1.1.3	SS-HS-5.3.6		

## Correlations to the Tennessee Curriculum Standards

Our school programs have been correlated to the Tennessee Curriculum Standards. While the general content of each program remains consistent, the interpreter assigned to the program has the freedom to adapt activities to best meet needs of the school group. For this reason, an exact match of a particular standard may not be met.

### The Homeplace Group Programs

#### SHOW & TELL HISTORY (K-12) Social Studies:

K.2.01 a,b	1.3.03 a, b	1.5.02 a	3.1.02 b	3.5.02 a,b
4.3.02 b	4.3.04 b	5.3.02 b	6.1.03 a	7.1.03 a
7.3.08 c	8.3.04 b			

#### TOYS AND GAMES (K-2) Social Studies:

K.1.01 b,c	K.6.01 d	1.1.01 c
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#### CHILDREN'S CHORES (K-2) Social Studies:

K.2.03 a	K.4.03 b	K.5.02 a	1.4.03 b	1.5.02 a
1.6.01 b	2.5.02 b	2.6.01 a		

#### SPINNING WOOL (K-6) Social Studies:

3.2.01 a
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#### A WALK WITH THE ANIMALS: Endangered Animals? (3-12) Science:

3.5.1	3.5.2	4.6.2	6.5.1
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#### WORKING WITH WOOD (3-12) Social Studies:

4.3.04 b	5.3.02 a,b	6.1.03 b	7.1.03 c	
Science:	4.10.1	4.10.3	5.10.1	5.10.3

#### HORSE AND OX POWER (3-12) Science:

8.10.4 a	3.11.1 a,b	4.11.2 b	5.11.2 a,c
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#### A WALK WITH THE ANIMALS: Endangered Animals ? (3-12) Science:

8.5.2 b
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### Nature Station Group Programs

#### A WALK THROUGH NATURE: Self-guided Tour of the Backyard

(K-12) K-8 Science:

K.5.2	1.2.3	1.5.1	1.5.2	2.3.1
2.5.1	2.5.2	3.2.3	3.5.2	4.2.1
4.3.1	4.6.2	5.2.1	6.2.2	6.5.1
6.6.3				

#### ANIMALS OF THE FOREST (pre-K-2) K-8 Science:

K.5.2	1.2.3	1.3.1	1.5.2	1.10.2
2.2.3	2.3.1	2.5.2		

#### ANIMALS OF THE POND (pre-K-2) K-8 Science:

K.5.2	1.2.3	1.3.1	1.5.2	2.2.3
2.4.2	2.5.2			

#### BACKYARD SAFARI: Sensory Adventure (K-2) K-8 Science:

K.2.2	K.5.2	1.2.2	1.2.3	1.3.1
2.2.2	2.2.3			

#### NATURE HIKE: Animal Signs & Clues (K-6) K-8 Science:

K.5.2	1.2.2	1.2.3	2.2.2	2.2.3
3.2.3	3.3.1	4.2.1	4.2.2	4.3.1
5.2.1	6.2.2	6.3.1		

#### NATURE HIKE: Plant Patrol (2-6) K-8 Science:

2.2.3	2.3.1	2.4.1	3.2.3	3.3.1
3.3.2	3.5.1	3.5.2	4.2.1	5.2.1
5.3.1	5.3.2	5.5.1	6.3.1	6.5.1

#### POND PROWL (K-6) K-8 Science:

K.5.2	1.1.1	1.2.3	1.3.1	1.5.1
1.5.2	2.2.3	2.3.1	2.4.2	3.2.3
3.4.3	3.5.2	4.2.1	4.4.3	4.5.1
5.2.1	6.2.2	6.3.1	6.5.1	

#### BACKYARD SAFARI: Secrets of Survival (2-6) K-8 Science:

2.2.2	2.5.1	2.5.2	3.2.3	3.3.1
3.5.2	4.3.1	4.5.1	4.6.2	6.5.1
6.6.3				

#### IN COLD BLOOD (2-adult) K-8 Science:

2.2.2	2.5.1	2.5.2	3.4.3	3.5.2	4.4.3	4.5.1
6.2.2	6.5.1	6.6.3	8.5.2			
HS Life Science:			2.7			
HS Biology I:			2.6			
HS Biology II:			1.2			
HS Environmental Science:	1.5		1.6			
HS Ecology:	1.5		1.6			

#### BACKYARD SAFARI: Web of Life (3-6) K-8 Science:

3.2.3	3.3.1	4.2.1	4.3.1	4.6.2	5.2.1	5.3.1
6.2.2	6.3.1	6.6.3				

#### BACKYARD SAFARI: Animals, Art, & Writing (3-6) K-8 English (Writing):

3.2.02	3.2.09	4.2.02	4.2.09	5.2.02	5.2.09	6.2.02
6.2.10						
K-8 Visual Art:	Grade 3: 1.2	Grade 3: 2.4	Grade 3: 6.2			
Grade 4: 1.2	Grade 4: 2.4	Grade 4: 6.2	Grade 5: 1.2			
Grade 5: 2.3	Grade 5: 6.2	Grade 6: 2.2				

#### FRESHWATER ECOLOGY (5-adult) K-8 Science:

5.2.1	5.2.2	6.2.2	6.5.1	8.5.2
HS Life Science:	2.2	2.4	2.7	
HS Biology I:	2.5	2.6		
HS Ecology:	1.1	1.5	6.2	
HS Environmental Science:	1.1	1.5	6.2	
HS Scientific Research:	3.4			

#### BACKYARD SAFARI: Wildlife Conservation (6-adult) K-8 Science:

6.2.2	6.5.1	6.6.3	8.10.3	HS Life Science: 2.7
HS Biology I:	2.4	2.6		
HS Ecology:	1.5	1.6	3.2	6.2
HS Environmental Science:	1.5	1.6	3.2	6.2

#### CAREER DISCOVERY: Natural Resources Interpretation (9-Adult)

N/A

Relevant to Forestry and Wildlife Management CTE courses

### Planetarium Group Programs

#### 3-2-1 BLASTOFF (K-3) Science:

K.7.1	K.7.2	K.11.1	K.14.1	1.7.1	1.7.2	1.11.1
1.14.1	2.7.1	2.7.2	2.11.1	2.14.1	3.7.1	3.7.2
3.11.1	3.14.1					

#### BEAR TALES (K-3) Science:

K.7.1	K.7.2	1.7.1	1.7.2	2.7.1	2.7.2	3.7.1
3.7.2	4.7.1	4.7.2				

#### KENTUCKY SKIES (5-12) Science:

5.7.1	5.7.2	5.11.1	6.7.1	6.7.2	6.7.3	6.7.4
8.11.1	8.11.3					

#### BLOWN AWAY (4-9) Earth & Space Science:

4.7.2	4.8.1	4.8.2	5.7.2	5.8.1	5.8.2	5.8.3
6.7.3	6.14.1	6.14.2	7.8.1	7.8.2	7.8.3	7.8.4
8.10.3						

#### SEARCH FOR LIFE IN THE UNIVERSE (6-12) Science:

6.7.1	6.7.2	6.7.5	6.14.5	8.9.2	8.11.3
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#### FAR OUT SPACE PLACES (4-12) Science:

4.7.1	4.7.2	4.8.1	4.8.2	4.9.1	4.11.1	5.7.1
5.7.2	5.8.1	5.8.2	5.9.1	5.11.1	6.7.1	6.7.2
6.7.3	6.7.4	6.7.5	6.14.2	7.8.3	7.12.2	8.11.1
8.11.3						

#### EXPLORERS OF THE INTERNATIONAL SPACE STATION (4-12) Science:

4.7.2	4.11.1	4.11.2	5.7.2	5.11.1	5.11.2	6.5.1
6.7.4	6.7.5	6.14.2	7.3.3	8.11.1	8.11.3	

# More field trip opportunities in the local area!

## Cross Creeks National Wildlife Refuge

[www.fws.gov/crosscreeks](http://www.fws.gov/crosscreeks)

Dover, TN

A group visit to the refuge can be scheduled by calling 931-232-7477. A visitor center and restrooms are available.

## Tennessee National Wildlife Refuge

[www.fws.gov/tennesseerefuge](http://www.fws.gov/tennesseerefuge)

Paris, TN

Schedule a refuge field trip by calling 731-642-2091. Other educational resources, including "critter crates," are also available.

## Lake Barkley Dam Visitor Center

Grand Rivers, KY

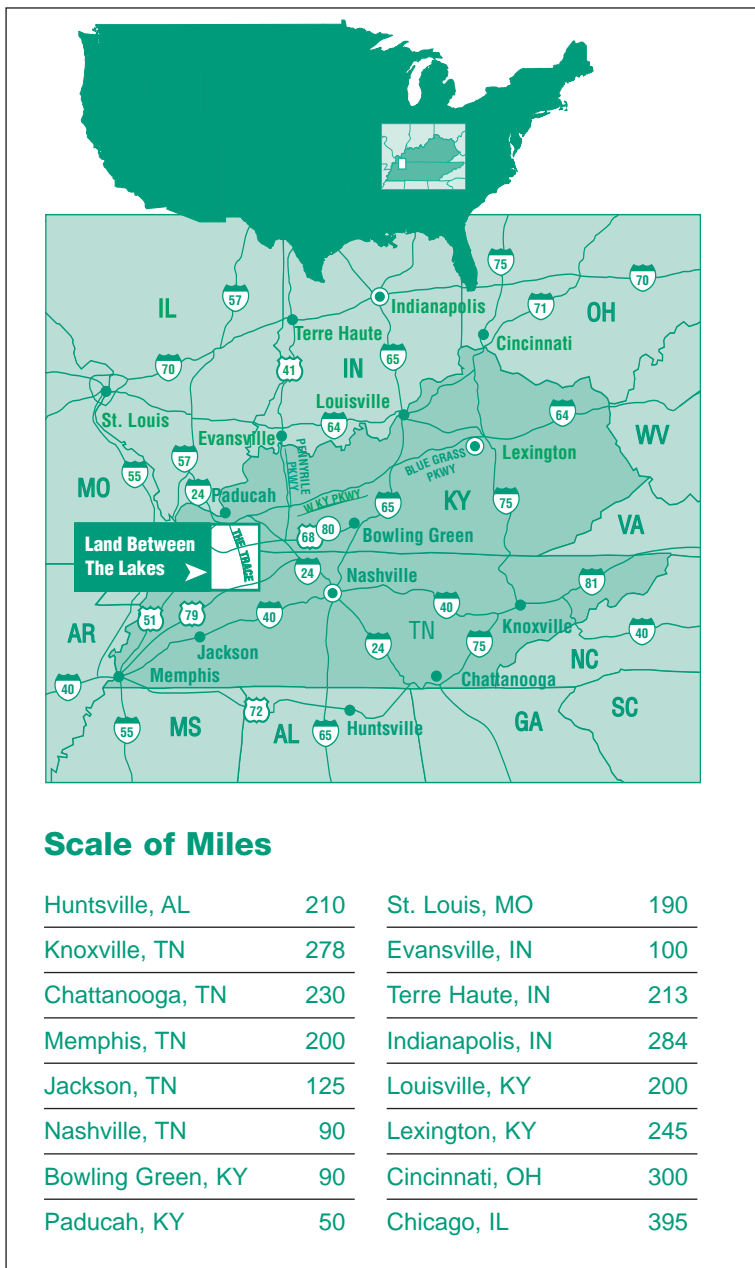
Self-guided tours of the visitor center can be scheduled; guided tours of the Barkley Lock and Dam may be available on a limited basis. Make arrangements by calling 270-362-4236.

## Fort Donelson National Battlefield

[www.nps.gov/fodo](http://www.nps.gov/fodo)

Dover, TN

Schedule a ranger-guided tour or an interpretive program to better understand this Civil War Battlefield. Other educational opportunities consist of off-site programs conducted by Fort Donelson rangers and a traveling trunk program. Call 931-232-5706 for more information.



For more information, call:  
270-924-2020 or 1-800-LBL-7077

Visit the LBL website at [www.lbl.org](http://www.lbl.org)

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