

School Program GUIDE

2018-2019 school year





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We're thrilled you are considering bringing your students to a Great Parks school program! Here are a few things to consider when deciding which program to attend.

- Program cost may vary.
- Plan to have one chaperone for every 10 students in your group. Educators and one chaperone per every 10 children are free. All other adults require payment.
- Reduced costs and transportation assistance may be available for qualifying schools.
- Program payment fees cover admission and parking fees for all participants on the day of the program.

Ready to book a program?

Email schoolprograms@greatparks.org and *put the program and park you're interested in as the subject line*. If you don't see a program that meets your content standards, please let us know, and we will work with you to adjust the program to do so.

All school programming is available to home-schooled students and alternative schooling students.

Looking for Great Parks to come to you? Check out our outreach information at greatparks.org on the teachers page.

All Grade Levels

Maple Sugaring •

Learn about the sweet tradition of maple sugaring including the science, techniques and best of all, the taste!



Students will

- Learn how to collect sap
- Learn how and why maple trees make sap
- Learn how sap turns into syrup
- Taste maple syrup and maple sugar

Content statements:

Program can be adjusted to meet appropriate content standards for science and social studies.

Availability: Mid-February – early March, 9 a.m., 10:30 a.m. & 1 p.m.

Location: Farbach-Werner Nature Preserve

Price: \$5/person, minimum \$75

Preschool & Kindergarten

Wonders of Nature

Encounter animals and explore all things nature.

Students will

- Take a hike
- Meet three animals
- Interact with discovery stations based on theme

Content statements:

Program can be adjusted to meet appropriate content standards for science.

Availability: September – May

Locations: Embshoff Woods, Fernbank Park, Miami Whitewater Forest, Shawnee Lookout, Sharon Woods and Woodland Mound

Price: \$5/person, minimum \$75.

Leaves for Little Folk

Celebrate trees and leaves! Learn why foliage changes color and why leaves drift to the ground in fall.

Students will

- Take a hike to observe the changes in the season and look for a variety of leaves, observe colors, shapes, sounds and the texture of leaves
- Learn how and why leaves change color
- Play a matching game
- Make a craft

Science content statements:

1. *Living things are different from nonliving things*
2. *Living things have physical traits and behaviors, which influence their survival*
3. *Objects and materials can be sorted and described by their properties*

Availability: Late September – Mid-October, mornings and afternoons

Location: Farbach-Werner Nature Preserve

Price: \$5/person, minimum \$75.

Pumpkin Patch

Hop on a hayride to pick out the perfect pumpkin from Parky's patch and celebrate all things autumn!

Students will

- Take a wagon ride
- Meet farm animals
- See fall crops and observe a garden
- Explore the Playbarn

Content statements:

Program can be adjusted to meet appropriate content standards for science.

Availability: October

Location: Parky's Farm (Winton Woods)

Price: \$5/person, minimum \$75.



Nature's Babies

Animals have homes for their babies too! Learn about animal nesting places, parents and how they care for their young.

Students will

- Take a hike to observe animal nesting places
- Meet animals and see the differences among species and their young
- Learn about life cycles
- Make a craft that encourages backyard nesting and observation

Life Science content statements:

1. *Living things have specific characteristics and traits*
2. *Living things have physical traits and behaviors, which influence their survival*

Availability: Late March – Mid-April

Location: Farbach-Werner Nature Preserve

Price: \$5/person, minimum \$75.

Fabulous Frogs & Toads

Learn about the frogs and toads that call Hamilton County home.

Students will

- Take a hike to the frog pond
- Meet frogs and toads and learn more about them
- Play a learning game
- Make a "ribbeting" frog craft

Science content statements:

1. *Living things have physical traits and behaviors, which influence their survival*
2. *Living things have basic needs, which are met by obtaining materials from the physical environment*
3. *Living things survive only in environments that meet their needs*

Availability: Mid-late May, afternoons

Location: Farbach-Werner Nature Preserve

Price: \$5/person, minimum \$75.

First Grade

Back to Basics

It's all about the essentials! Meet and greet animals and learn how they have needs just like us.

Students will

- Explore local habitats on a nature hike
- Interact with three animals and discover what they need to survive

Life Science content statements:

1. *Living things have basic needs, which are met by obtaining materials from the physical environment*
2. *Living things survive only in environments that meet their needs*

Availability: September – May

Locations: Embshoff Woods, Fernbank Park, Miami Whitewater Forest, Shawnee Lookout, Sharon Woods and Woodland Mound

Price: \$5/person, minimum \$75.

Farms, Nature & Me

Journey to the barnyard and beyond to discover what both animals and people need to survive.

Students will

- Identify how and why domestic and wild animals meet their needs differently
- Take a hike into the woods
- Help in a garden and learn what plants we can eat and how to care for them

Social Studies content statements:

1. *Wants are unlimited and resources are limited. Therefore, people make choices because they cannot have everything they want*
2. *People produce and consume goods and services in the community*

Science content statements:

1. *The sun is the principal source of energy*
2. *Living things have basic needs, which are met by obtaining materials from the physical environment*



Availability: Late March – May

Location: Parky's Farm (Winton Woods)

Price: \$5/person, minimum \$75.

To book a program, email

schoolprograms@greatparks.org

Fabulous Frogs & Toads

Learn about the frogs and toads that call Hamilton County home.

Students will

- Take a hike to the frog pond
- Meet frogs and toads and learn more about them
- Play a learning game
- Make a "ribbeting" frog craft

Science content statements:

- 4. Living things have physical traits and behaviors, which influence their survival*
- 5. Living things have basic needs, which are met by obtaining materials from the physical environment*
- 6. Living things survive only in environments that meet their needs*

Availability: Mid-late May, afternoons

Location: Farbach-Werner Nature Preserve

Price: \$5/person, minimum \$75.



Second Grade

3-2-1, Impact!

Explore how every step we take and every move we make impacts, compacts and transfers sediment from around the globe.

Students will

- Take a trail hike
- Observe five ways living things impact nature
- Identify five ways nature impacts our lives
- Meet animal ambassadors to learn more about how humans and animals interact

Life Science content statements:

1. *Living things cause changes on Earth*

Availability: September – May

Locations: Embshoff Woods, Fernbank Park, Miami Whitewater Forest, Shawnee Lookout, Sharon Woods and Woodland Mound

Price: \$5/person, minimum \$75.

1803 Farm Sampler

Take a leap back in time to Ohio's early statehood and compare our lives today to the lives of settlers.

Students will

- Meet a school teacher and participate in lessons from the 1800s
- Indulge in farm chores from the era
- Dig their hands into wool, while they learn to card, spin and weave
- Turn a heel, stomp a boot and join a barn dance!

Social Studies content statements:

1. *Time can be shown graphically on calendars and timelines*
2. *Change over time can be shown in artifacts, maps and photographs*
3. *Science and technology have changed daily life*
4. *There are different rule that govern different settings*
5. *Resources can be used in various ways*

Availability: Mid-December – Mid-February

Location: Parky's Farm (Winton Woods)

Price: \$5/person, minimum \$75.

Third Grade

Seasons and Cycles

Discover the secrets of life cycles, adaptations and more through scientific inquiry, hands-on activities and exploration.

Students will

- Hike through the woods
- Track migratory species, such as monarch butterflies and bird species
- Observe life at the pond

Availability: September

Location: Farbach-Werner Nature Preserve

Price: \$5/person, minimum \$75.

Living Lab

Dig into how the parks provide the perfect outdoor laboratory. From blooms to bugs, to seeds and soil, we'll learn about local plants and animals.

Students will

- Take a discovery hike
- Explore life cycles of three plants and three animals
- Identify native plants and discover traits that help ensure their survival
- Make observations about rocks and soil
- Meet two animals and see the differences of the species and their young

Availability: September – May

Locations: Embshoff Woods, Fernbank Park, Miami Whitewater Forest, Shawnee Lookout, Sharon Woods and Woodland Mound

Price: \$5/person, minimum \$75.

Science content statements:

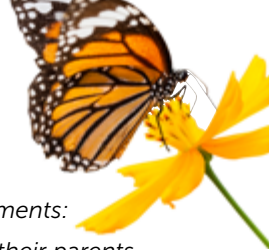
1. Offspring resemble their parents and each other
2. Individuals of the same kind of organism differ in their inherited traits. These differences give some individuals an advantage in surviving and/or reproducing
3. Plants and animals have life cycles that are part of their adaptations for survival in their natural environments
4. Changes in an organism's environment are sometimes beneficial to its survival and sometime harmful

Life Science content statements:

1. Offspring resemble their parents and each other
2. Individuals of the same kind differ in their traits and sometimes the differences give individuals an advantage in surviving and reproducing
3. Plants and animals have life cycles that are part of their adaptations for survival in their natural environments

Earth Science content statements:

1. Earth's nonliving resources have specific properties



The Mysterious Pfamboozle

Investigate evidence left behind to detect the whereabouts of this mysterious Pfamboozle.

Students will

- Explore animal adaptations and traits
- Identify soil properties
- Examine different characteristics within the animal kingdom

Availability: November – early December

Location: Parky's Farm (Winton Woods)

Price: \$5/person, minimum \$75.

Science content statements:

1. Earth's nonliving resources have specific properties
2. Some of the Earth's resources are limited
3. Individuals of the same kind differ in their traits and sometimes the differences give individuals an advantage in surviving and reproducing
4. Plants and animals have life cycles that are a part of their adaptations for survival in their natural environments

Fourth Grade

Adventure Outpost (Fall)

Develop leadership and communication skills and build class camaraderie during a day filled with challenging activities and in-depth conversations.

Content statements: Program can be adjusted to meet appropriate content standards.

Availability: August – November

Location: Adventure Outpost (Winton Woods)

Price: \$8/student, minimum of \$200

Size: Classes of 8-60 students; 1:10 student to chaperone ratio

Seasons and Cycles

Discover the secrets of life cycles, adaptations and more through scientific inquiry, hands-on activities and exploration.

Students will

- Hike through the woods
- Track migratory species, such as monarch butterflies and bird species
- Observe life at the pond

Availability: September

Location: Farbach-Werner Nature Preserve

Price: \$5/person, minimum \$75.

Science content statements:

1. Offspring resemble their parents and each other
2. Individuals of the same kind of organism differ in their inherited traits. These differences give some individuals an advantage in surviving and/or reproducing
3. Plants and animals have life cycles that are part of their adaptations for survival in their natural environments
4. Changes in an organism's environment are sometimes beneficial to its survival and sometime harmful

Movers and Shakers

Witness geological history in action as the creek water continues to erode and redeposit the banks of our gorge, changing the surface of the park and our Earth.

Students will

- Hike a natural gorge formed by glacial melt water
- Interact with a stream table
- Identify three forces of nature that contribute to erosion and weathering

Earth Science content statements:

1. Earth's surface has specific characteristics and landforms that can be identified
2. The surface of Earth changes because of weathering
3. The surface of the Earth changes because of erosion and deposition

Availability: September – November

Location: Sharon Woods

Price: \$5/person, minimum \$75.



1793: Life on the Ohio Frontier

Jump into a time machine and learn about Shawnee Lookout's historical frontier!

Students will:

- Meet two or more historical figures from Ohio's frontier
- Experience three common activities of frontier children
- Explore three ways pioneers altered the landscape of Ohio

Availability: October–November

Location: Shawnee Lookout

Price: \$5/person, minimum \$75.



Social Studies content statements:

1. Primary and Secondary sources can be used to create historical narratives
2. Various groups of people have lived in Ohio over time, including prehistoric and historic American Indians, migrating settlers and immigrants. Interactions among these groups have resulted in both cooperation and conflict
3. The Northwest Ordinance established a process for the creation of new states and specified democratic ideals to be incorporated in the Northwest Territory

Geography content statements:

1. The economic development of the United States continues to influence and be influenced by agriculture, industry and natural resources in Ohio
2. The regions of the United States known as the north, south and west developed in the early 1800s largely based on their physical environments and economies
3. People have modified the environment since prehistoric times. There are both positive and negative consequences for modifying the environment in Ohio and the United States

Adventure Outpost (Spring)

Join the adventure of the great outdoors and learn the basics of conservation and two popular sports:

- Leave No Trace
- Archery
- Rock climbing

Content statements:

Program can be adjusted to meet appropriate content standards.

Availability: March – May

Location: Adventure Outpost (Winton Woods)

Price: \$8/student, minimum of \$200

Size: Classes of 8-60 students; 1:10 student to chaperone ratio

To book a program, email schoolprograms@greatparks.org

Animals: Then and Now

Journey into Ohio's ancient past! From the tropical Ordovician era to the freezing Ice Age, discover the amazing ocean creatures and gigantic mammals that once roamed our area of Ohio.

Students will

- Create a timeline of fossils found in Cincinnati
- Identify at least three common Cincinnati fossils
- Compare life forms and habitats over time
- Meet two local animals and discover how changes in their current environment affect them

Life Science content statements:

1. *Changes in an organism's environment are sometimes beneficial to its survival and sometimes harmful*
2. *Fossils can be compared to each other, and to present day organisms according to their similarities and differences*

Availability: March – May

Locations: Sharon Woods

Price: \$5/person, minimum \$75.

Wild Wetlands

Get down, dirty and wild as we dip into and further explore Shaker Trace Wetlands to discover the world of organisms thriving in this endangered habitat.

Students will

- Explore and investigate the wildlife of a wetland through hands-on collection
- Identify environmental changes that can alter an organism's chances of survival
- Discover and identify two examples of erosion, deposition and weathering
- Investigate how nature influences plant and animal populations

Life Science content statement:

1. *Changes in an organism's environment are sometimes beneficial to its survival and sometimes harmful*

Earth Science content statements:

1. *The surface of the Earth changes because of weathering*
2. *The surface of the Earth changes because of erosion and deposition*

Availability: April-May

Location: Miami Whitewater Forest

Price: \$5/person, minimum \$75.

Fifth Grade

Adventure Outpost (Fall) •

Develop leadership and communication skills and build class camaraderie during a day filled with challenging activities and in-depth conversations.

Content statements: Program can be adjusted to meet appropriate content standards.

Availability: August – November

Location: Adventure Outpost (Winton Woods)

Price: \$8/student, minimum of \$200

Size: Classes of 8-60 students; 1:10 student to chaperone ratio

Wetlands Feeding Frenzy

Get energized as we wade into the wetlands, where life is “eat-or-be-eaten,” and investigate this rare habitat.

Students will

- Observe and identify at least three producers, three consumers (one herbivore, one carnivore and one omnivore) and one decomposer that are all common in a wetland
- Investigate and explore a complex food web in action
- Gain an appreciation for diverse habitats and understand their importance to the community at large

Life Science content statement:

1. *Organisms perform a variety of roles in an ecosystem*
2. *All of the processes that take place within organisms require energy*

Availability: September – October

Location: Miami Whitewater Forest

Price: \$5/person, minimum \$75.



Wild Woods Web

From maples to mushrooms, explore just how the food web goes with the flow to make a forest habitat thrive — or struggle to survive.

Students will

- Observe and identify at least three producers, three consumers (one of each type) and one decomposer that are all common in a forest
- Explore a complex food web in action
- Understand diverse habitats and their importance to the community at large

Life Science content statement:

1. *Organisms perform a variety of roles in an ecosystem*
2. *All of the processes that take place within organisms require energy*

Availability: September – May

Locations: Sharon Woods, Woodland Mound and Winton Woods

Price: \$5/person, minimum \$75.

Out of this World

What do making a wish, putting on sunscreen and telling a story all have in common? The stars!

Students will

- Observe seasonal constellations in an inflatable planetarium
- Explore the relationship between Earth and the sun
- Walk a scale model of our solar system

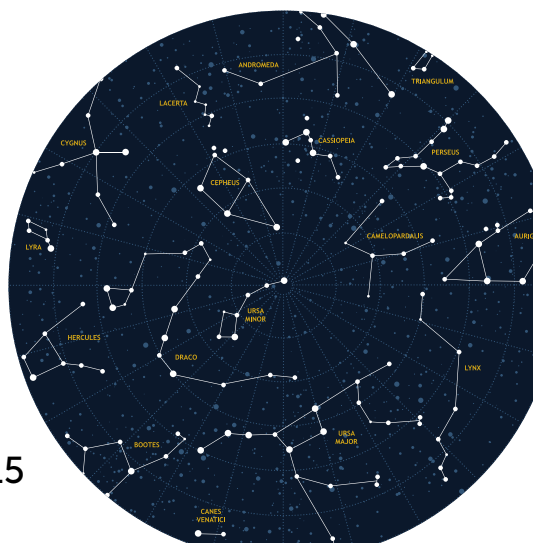
Earth Science content statements:

1. *The solar system includes the sun and all celestial bodies that orbit the sun*
2. *The sun is one of many stars that exist in our universe*
3. *Most of the cycles and patterns of motion between the earth and sun are predictable*

Availability: January – February

Location: Woodland Mound

Price: \$5/person, minimum \$75.



Adventure Outpost (Spring)

Join the adventure of the great outdoors and learn the basics of conservation and two popular sports:

- Leave No Trace
- Archery
- Rock climbing

Content statements:

Program can be adjusted to meet appropriate content standards.

Availability: March – May

Location: Adventure Outpost (Winton Woods)

Price: \$8/student, minimum of \$200

Size: Classes of 8-60 students; 1:10 student to chaperone ratio

Sixth Grade

Adventure Outpost (Fall)

Develop leadership and communication skills and build class camaraderie during a day filled with challenging activities and in-depth conversations.

Content statements: Program can be adjusted to meet appropriate content standards.

Availability: August – November

Location: Adventure Outpost (Winton Woods)

Price: \$8/student, minimum of \$200

Size: Classes of 8-60 students; 1:10 student to chaperone ratio

Rocks, Minerals & Soil

Get down and “soily” as we explore the surface below our feet.

Students will

- Hike to see local rock types and layers in a natural gorge
- Conduct tests on three minerals to identify them
- Find examples of igneous, sedimentary and metamorphic rocks
- Collect soil samples
- Identify 10 or more common uses of rocks, minerals, and soil
- Help determine how environments have influenced today's foundation

Availability: February – March

Location: Sharon Woods

Price: \$5/person, minimum \$75.

Adventure Outpost (Spring)

Join the adventure of the great outdoors and learn the basics of conservation and two popular sports:

- Leave No Trace
- Archery
- Rock climbing

Earth Science content statements:

1. Minerals have specific, quantifiable properties
2. Igneous, sedimentary and metamorphic rocks have unique characteristics that can be used for identification and/or classification
3. Igneous, sedimentary and metamorphic rocks form in different ways
4. Soil is unconsolidated material that contains nutrient matter and weathered rock
5. Rocks, minerals and soils have common practical uses



Content statements:

Program can be adjusted to meet appropriate content standards.

Availability: March – May

Location: Adventure Outpost (Winton Woods)

Price: \$8/student, minimum of \$200

Size: Classes of 8-60 students; 1:10 student to chaperone ratio

Seventh–Twelfth Grades

Adventure Outpost (Fall)

Develop leadership and communication skills and build class camaraderie during a day filled with challenging activities and in-depth conversations.

Content statements: Program can be adjusted to meet appropriate content standards.

Availability: August – November

Location: Adventure Outpost (Winton Woods)

Price: \$8/student, minimum of \$200

Size: Classes of 8-60 students; 1:10 student to chaperone ratio

Adventure Outpost • (Spring)

Join the adventure of the great outdoors and learn the basics of conservation and two popular sports:

- Leave No Trace
- Archery
- Rock climbing

Content statements:

Program can be adjusted to meet appropriate content standards.

Availability: March – May

Location: Adventure Outpost (Winton Woods)

Price: \$8/student, minimum of \$200

Size: Classes of 8-60 students; 1:10 student to chaperone ratio





21 GREAT PARKS *to explore*

Campbell Lakes Preserve

10431 Campbell Road, Harrison, 45030

Embshoff Woods

4050 Paul Road, Delhi Twp., 45238

Farbach-Werner Nature Preserve

3455 Poole Road, Colerain Twp., 45251

Fernbank Park

50 Thornton Avenue, Cincinnati, 45233

Francis RecreAcres

11982 Conrey Road, Sharonville, 45249

Glenwood Gardens

10397 Springfield Pike, Woodlawn, 45215

Lake Isabella

10174 Loveland-Madeira Road,
Symmes Twp., 45140

Little Miami Golf Center

3811 Newtown Road, Newtown, 45244

Miami Whitewater Forest

9001 Mt. Hope Road, Crosby Twp., 45030

Mitchell Memorial Forest

5401 Zion Road, Miami Twp., 45002

Otto Armleder Memorial Park & Recreation Complex

5057 Wooster Pike, Cincinnati, 45226

Sharon Woods

11450 Lebanon Road, Sharonville, 45241

Shawnee Lookout

2008 Lawrenceburg Road, Miami Twp., 45052

Triple Creek

2700 Buell Road, Colerain Twp., 45251

Winton Woods

10245 Winton Road, Springfield Twp., 45231

Withrow Nature Preserve

7075 Five Mile Road, Anderson Twp., 45230

Woodland Mound

8250 Old Kellogg Road, Anderson Twp., 45255