

Fourth Grade

Virtual Programs



2020–2021 School Program Guide We're Starting Virtually!

Welcome to Great Parks of Hamilton County's school program offerings for the 2020–2021 school year! We're bringing the best of nature to you, wherever your classroom may be.

For an indefinite period, all school programs presented by Great Parks will be offered *virtually* as we are unable to present in-person programming at this time.

All virtual programs address Ohio's Learning Standards and respective content statements for kindergarten through fifth grade. Teachers can select from one of the following program types:

- A 45-minute, stand-alone virtual program delivered on Zoom or your preferred online platform
 - \$35/first program
 - \$20 for consecutive programs on the same day
- A 45-minute virtual program, plus Flipgrid, which includes hands-on activities to enhance the program theme
 - \$50/first program
 - \$35 for consecutive programs on the same day

Virtual presentations can be set up for a group of students in a classroom or for students on individual devices.

Flipgrid is an online learning platform that allows interactions between student and teacher. They are designed to complement the virtual programs through hands-on activities and exploration opportunities furthering learning outcomes.

- [Flipgrid | About](#)
- [Flipgrid Tutorial – Creating Video Assignments | YouTube](#)

Flipgrid will include a minimum of 3 activities with printed materials or common materials found at home. Flipgrid responses will be provided by both the teacher and a Great Parks Nature Interpreter. More complex Flipgrid activities with supplies can be provided for an additional cost based on activity.

Fees associated with programs may be covered by a grant. Inquire about grants when booking your virtual program.

Booking a Program

Ready to book a program? Have a question that's not answered here? Here are the next steps:

- Email schoolprograms@greatparks.org
- Enter in the subject line the program name and grade level
- List which type of program best suits your virtual program
- List multiple potential dates for your virtual program

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Seasons & Cycles

Availability: September–November
(Can be adapted to spring)

Through interactive activities and exploration, students will use scientific inquiry to discover the secrets of life cycles, adaptations and more.



During the virtual program, students will:

- Join the nature interpreter as they hike through the woods
- Track migratory species, such as monarch butterflies and birds
- Observe life at the pond

Life Science Content Statements:

- *4.LS.1: Changes in an organism's environment are sometimes beneficial to its survival and sometimes harmful.*
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Settling the Ohio River Valley

Availability: September–May

A lot happened in the Ohio River valley before cities began to rise. Interact with a host of characters from the past and find your way as you test your survival skills on the early American frontier.

- Module 1*: Discover early cooperative European interactions with American Indians
- Module 2*: Explore the increased conflicts between European settlers and American Indians
- Module 3*: Delve into the eventual compromises that these two groups made to end the conflict



During the virtual program, students will:

- Meet and interact with historical figures from Ohio's Frontier
- Explore the results of early European settlement in the tri-state area
- Test your skills with settler survival activities

History Strand Content Statements:

- *3. Various groups of people lived in Ohio over time including American Indians, migrating settlers and immigrants. Interactions among these groups have resulted in both cooperation and conflict.*

Government Strand Content Statements

- *16. Civic participation in a democratic society requires individuals to make informed and reasoned decisions by accessing, evaluating and using information effectively.*
**(only applicable if all 3 modules are completed)*

Virtual Programs have been designed to cover topics from our core field trips. Zoom sessions are limited to 45 minutes to keep the students engaged. A program title containing modules allows for growth potential of your virtual program. **Each module is considered a separate program. Fees and scheduling will be addressed as needed.*

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Movers & Shakers

Availability: September–May

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



During the virtual program, students will:

- Witness erosion in “real time”
- Identify three forces that lead to a changing landscape by observing past and present examples
- Take a virtual walk with the nature interpreter to find examples of erosion, weathering or deposition in our environment

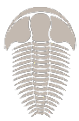
Earth and Space Science Content Statements:

- *4.ESS.1: Earth’s surface has specific characteristics & landforms that can be identified.*
 - *4.ESS.2: The surface of Earth changes due to weathering.*
 - *4.ESS.3: The surface of Earth changes due to erosion and deposition.*
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Animals Then & Now

Availability: September–May

Ohio is home to amazing ancient fossils. We will explore the creatures that lived in Cincinnati millions of years ago and learn how scientists use modern-day creatures to discover secrets of the past.



During the virtual program, students will:

- Discover the importance of Cincinnati fossils
- Compare Ordovician fossils with modern day animals
- Take a virtual walk in the creek to find local fossils

Life Science Content Statements:

- *4.LS.1: Changes in an organism’s environment are sometimes beneficial to its survival and sometimes harmful. Plants and animals have life cycles that are part of their adaptations for survival in their natural environment*
- *4.LS.2: Fossils can be compared to one another and to present-day organisms according to their similarities and differences.*

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Maple Sugaring

Availability: February–March

Take a trip through the sugar bush to learn about the sweet tradition of maple sugaring, including the science, tools and techniques.



During the virtual program, students will:

- Take a virtual hike through the woods to see a variety of collection methods and explore the forest in winter
- Learn how and why maple trees make sap
- Learn about the process of turning sap into syrup

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