

Fifth 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

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:

- *5.LS.1 Organisms perform a variety of roles in an ecosystem.*
 - *5.LS.2 All of the processes that take place within organisms require energy.*
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Unearthing Ancient Cultures

Availability: September–May

See the world through the eyes of an archeologist. Use ancient artifacts to construct a story of how these cultures not only survived, but thrived in the land we now call home.

- Module 1*: Follow the path of an archaeologist to utilize ancient artifacts in order to uncover an ancient culture
- Module 2*: Explore the ancient cultures of America in-depth to discover both unique and similar cultural features



During the virtual program, students will:

- Learn to use artifacts to unearth ancient cultures
- Explore cultural similarities between today and the ancient cultures of Ohio
- Discover what features made ancient American Indian cultures unique

History Strand Content Statements:

- *2. Early Indian civilizations (Maya, Inco, Aztec, Mississippian) existed in the Western Hemisphere prior to the arrival of Europeans. These civilizations had developed unique governments, social structures, religions, technologies, and agricultural practices and products. **(We will be focusing on Woodland Cultures.)***

Geography Strand Content Statements:

- *8. American Indians developed unique cultures with many different ways of life. American Indian tribes and nations can be classified into cultural groups based on geographic and cultural similarities.*

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.*

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.

Energizing Ecosystems

Availability: April–May

Investigate the energy flow as we wade into the eat-or-be-eaten lifestyles of our natural neighbors. From predator to prey, explore the dynamic relationships within a local ecosystem.

- Module *1: Meet the neighbors as we explore a wetland ecosystem.
- Module 2*: Dig into the interdependence of organisms throughout the wetlands.
- Module 3*: Compare a forest ecosystem to a wetland ecosystem.



During the virtual program, students will:

- Observe and identify at least three producers, three consumers (one herbivore, one carnivore and one omnivore) and one decomposer commonly found in a wetland
- Identify tiers within a food web
- Explore relationships between organisms in the natural world

Life Science Content Statements

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

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