

2017  
Fall Session:  
Oct. 2 - Nov. 3



# Fall Education Services

- Falls Reserve Conservation Area
- In-School Programming
- Community Group Programming
- Special Events
- Presentations

## To Book...

Reservations are taken on a first come, first served basis. Advanced registration is required for all activities. To book your program please contact Maitland Conservation.

## Program Location for Fall 2017

Please note the change in location for conservation education programs this fall.

A structural assessment is currently underway at the Wawanosh Nature Centre and ash trees are being removed from the Learning Grounds at North Woods Elementary School. As a result, programs will be held at Falls Reserve Conservation Area. This Conservation Area is located at 80900 Falls Reserve Line, just west of Benmiller.

## Maitland Conservation

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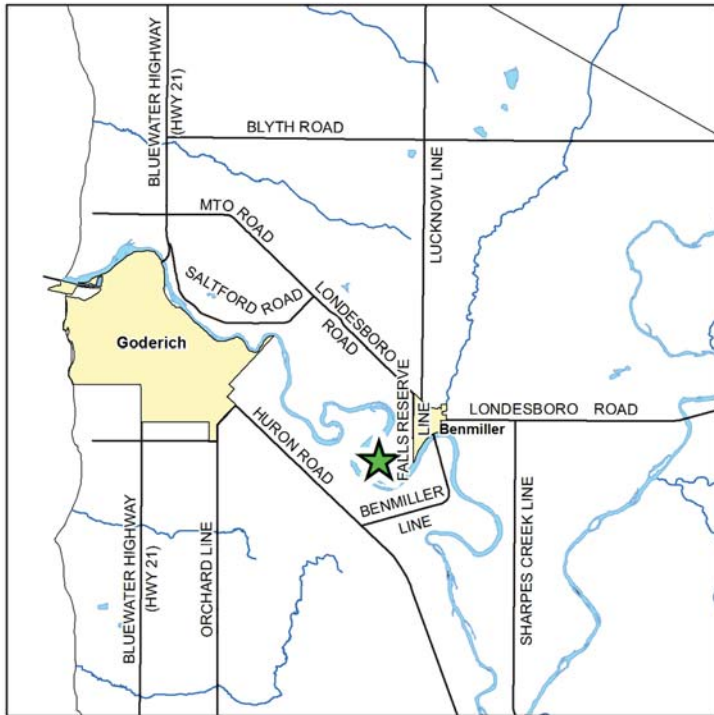


# Falls Reserve Conservation Area

Falls Reserve is a 230 acre natural outdoor playground. The site contains a variety of habitats including meadows, deciduous forest, plantations and the Maitland River.

There is a well developed trail system through the park as well as a large picnic shelter and washroom facilities. Most programs will start from the picnic shelter in the day use area. For some programs students will use the unique Above the Falls building located near the gatehouse.

Falls Reserve is located at 80900 Falls Reserve Line, off Londesboro Rd., just west of Benmiller.



## Curriculum Connections

These programs link with one or more of the following broad curriculum expectations:

- Gr 1 Needs and Characteristics of Living Things
- Gr 1 Daily and Seasonal Changes
- Gr 2 Growth and Changes in Animals
- Gr 2 Air and Water in the Environment
- Gr 3 Growth and Changes in Plants
- Gr 3 Soils in the Environment, Visual Arts
- Gr 4 Rocks and Minerals
- Gr 4 Habitats and Communities
- Gr 5 Conservation of Energy and Resources
- Gr 6 Biodiversity
- Gr 7 Interactions in the Environment
- Gr 7 Natural Resources
- Gr 7 Patterns in Physical Geography
- Gr 8 Water Systems
- Gr 8 Patterns in Human Geography
- Gr 1-8 Health and Physical Education

## K-Gr 2

### Autumn Walk, Autumn Talk

Discover some of the ways in which plants and animals prepare for winter. This sensory adventure will have students listening for fall sounds, finding leaves of different shapes and colours, and investigating natural textures.

### Animal Antics in Autumn

Explore the world of animals in fall. Become a butterfly migrating to Mexico, or a squirrel hiding food for the winter. Search for animals on the forest floor.

### \*REVISED\* Fine Feathered Friends

Through games and activities, students will find out what busy birds are doing. Learn how they fly, find and eat food, and avoid predators. Make a bird feeder to take home!

### Tender Twigs

Whorls and crowns, elephant skin and burnt cornflakes; students will use these clues as well as leaf and bark rubbings to remember characteristics of common Ontario trees. Students will create their own tree id guide along the way!

### Program Fees (tax exempt)

Half Day - \$6.25/student Full Day - \$10.50/student

## Gr 3-5

### Home is Habitat

Students will role play a local plant or animal looking for their home while exploring a variety of habitats (field, forest, plantation) at the Falls Reserve Conservation Area. Activities will reinforce what plants and animals need to survive and how they interact with each other and the environment around them.

### Instincts for Survival (Gr. 4-5)

Be the animal! Locate food and water, hide from predators, and avoid the natural disasters and disease that occur in nature. Students will learn about trophic levels, food chains, and interactions in the environment. This is a very active program.

### Plant Power

Discover the plants that call Falls Reserve home through games, activities and exploration of a variety of habitats (meadow, forest, pond). Learn how they make their own food, grow flowers and seeds, and protect themselves through unique adaptations. Students will learn the importance of plants to both humans and wildlife.

### S.O.S. Save our Soils

This hands-on exploration will have students observing and feeling the humus, topsoil and subsoil horizons in the meadow and forest. By completing a scavenger hunt, they will identify some of the creatures that live in the humus and topsoil layers.



## Gr 6-8

### Water in the Environment

Where does water come from and where does it go? Students will discuss the water cycle as it applies to the Maitland Watershed. They will calculate water quality in the Maitland River and discover how it affects and is affected by the landscape and people on it. If conditions permit, we'll take a walk along the river bed. Students require rubber boots and walking shoes. We have a limited number of rubber boots available.

### Instincts for Survival II

Be the animal! Locate food and water, hide from predators, and avoid the natural disasters and disease that occur in nature. Students will learn about trophic levels, food chains, and interactions in the environment. This is a very active program.

### Forest Community

Students will compare a young plantation and mixed forest to learn about succession, diversity, and forest health. An active game will teach students how natural and unnatural elements alter forest structure. They will discover clues to help them identify some common tree species.

### Investigating Ecosystems

By collecting data in two different terrestrial environments, students will investigate the components of an ecosystem and identify variations between them. An exploration of a miniature ecosystem (a rotting log) will help students to better understand the interactions that occur.

### Wilderness Survival Skills

Have you ever wondered what it would be like to be lost in the woods...in winter? In survival teams, students will work cooperatively to use a map to find their equipment, construct a shelter, build a fire, and solve a first aid scenario. Schools can opt to bring a hotdog lunch to cook over the fires.

# In-School Nature Programs

Maitland Conservation Authority brings conservation to the classroom through a series of in-school environmental programs that can be conducted right in your classroom! All programs are 1 ½ hours in length and are best delivered to one class at a time due to their hands-on nature.

Programs take place in the classroom, schoolyard and/or gymnasium.

## Curriculum Connections

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- Gr 3 Growth and Changes in Plants
- Gr 3 Soils in the Environment
- Gr 4 Habitats and Communities
- Gr 4 Rocks and Minerals
- Gr 5 Conservation of Energy and Resources
- Gr 6 Biodiversity
- Gr 7 Interactions in the Environment
- Gr 8 Water Systems

## K-Gr 2

### Awesome Autumn Animals

Discover how different animals prepare for the coming winter by becoming a squirrel collecting food or a bird migrating south.

### Monarch Madness

Become a monarch butterfly as you journey through their life cycle and follow their migration patterns. Butterfly metamorphosis and adaptations will be examined through games and displays.

### Water Cycle/Pollution

This program uses active games, crafts and music to demonstrate the various stages of the water cycle. Students will get to role play a water droplet and travel through the water cycle while avoiding pollution along the way! Solutions for conserving and keeping water clean will be discussed.

## Gr 3-5

### Fine Feathered Friends

Listen to the birds of your backyard and explore what they eat, how they fly, and what they are saying to each other. Hands-on activities will have students examining beak shape and feather structure.

### Rocks and Minerals

Become amateur geologists through four hands-on activity centres. Students will perform tests on minerals and learn to identify rocks as igneous, sedimentary or metamorphic. Fossils from the Devonian Period will also be introduced.

### \*NEW\* Soils

Through hands-on activity centres, students will learn about soil composition, soil types, soil organisms and erosion.



## Gr 6-8

### \*NEW\* Biodiversity 911

Learn what biodiversity is and why it is important through six station activities. Students will be introduced to a variety of local animals through furs, skulls and other props. Classification of animals is profiled.

### Owls

Through several short activities including a pellet dissection and examination of a stuffed owl, students will better understand owl adaptations and their role in the ecosystem.

### Program Fees (tax exempt)

1.5 Hour Session (1 Program) - \$100.00

Full Day (3 Programs) - \$250.00