

About Junior and Intermediate Education Programs

The Cataraqui Region Conservation Authority offers a range of quality curriculum-based outdoor and environmental education programs to classroom teachers and their students. This brochure provides a description of our current programs. If you don't see what you are looking for, please ask us. We'll do our best to accommodate you!

Location

Little Cataraqui Creek Conservation Area in Kingston (2 km north of Hwy. 401 and Division Street).

Times

All regular programs are two hours in length and are available mornings and afternoons. The start and end times are flexible to adapt to busing schedules. We encourage full day visits where you and your class can take in two education programs or journey on your own through the Conservation Area.

Fees

\$8.00 per student attending for all regular half day programs
\$5.00 per student attending from the Algonquin and Lakeshore Catholic District School Board or the Limestone District School Board. (These two boards pay a \$3.00 per student subsidy)

Minimum \$105.00 fee applies to all groups (less \$3 per student attending from the Algonquin and Limestone School Boards). Please bring cash or a cheque payable to the Cataraqui Region Conservation Authority on the day of your visit or mail in immediately after your visit.

Booking Instructions

Our conservation education programs can be booked at any time by e-mailing the Education Department of the CRCA at educate@crca.ca or by calling (613) 546-4228 ext. 251. Please send a detailed message including your name, school, grade, class size, proposed dates and choice of program. We will confirm by email or phone.

We can accept two classes per program except for skiing and snowshoeing. We encourage schools to bring two classes to save on busing and reduce greenhouse gases.

Cancellation

A minimum of seven (7) working days notice is required for cancellation to allow us time to contact groups from our waiting list. If the CRCA is notified of the cancellation less than seven (7) working days in advance of the scheduled visit, a cancellation fee of \$50.00 will be charged.

Education staff will make contact by 7:30 a.m. the morning of your trip if we need to adapt the program in case of inclement weather or cancel due to severe weather. There will be no charge for a cancellation made due to severe weather conditions. Please dress in comfortable, weather-appropriate clothing. **Questions?** Please e-mail educate@crca.ca or call our office at (613) 546-4228 ext. 251 or toll-free 1-877-956-CRCA (2722) ext. 251.

Program Dates

- **Fall Programs** September 19 to December 2, 2016 (last date for Insect Biodiversity Bonanza is October 7, 2016)
- **Winter Programs** January 16 to February 24, 2017
- **Maple Madness** March 1 to March 31, 2017 (No other programs are available during this time period)
- **Spring Programs** April 10 to June 16, 2017 (first date for Insect Biodiversity Bonanza is May 8, 2017)

Program Descriptions

All of our programs compliment the curriculum. Specific grade links are shown below. Programs are listed in alphabetical order. When booking a program please note the dates that the program is available.

Biodiversity Bonanza: Birds, Insects or Mammals (Grade 6)

Science and Technology (fall, winter and spring)



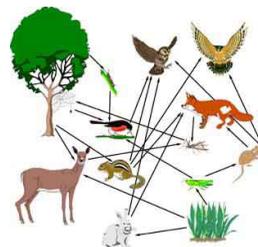
Your class will experience an opportunity to get up close and personal to taxidermied animals. Through various outdoor activities, students will come away with an understanding of basic classification systems and the importance of the biodiversity of animals.

Your students will also leave feeling better connected and ready to act in ways to help protect the biodiversity around us.

Ecosystem Interactions (Grade 7)

Science and Technology (fall and spring)

Students will be introduced to the importance of ecosystems and define such terms as biotic, abiotic, niche and the levels within food chains. Through a dip-netting activity in a marsh ecosystem, they will examine examples of consumers and producers. Within a forest ecosystem, by role-playing in a game, students will experience the needs of animals and the impacts of limiting factors. Students will leave with a better understanding of their connections to ecosystems and the positive impacts they can have as humans within them.



Home Sweet Home: A Habitat Adventure with a Twist (Grade 4)

Science and Technology (fall, winter and spring)

Through role-playing as either a plant or an animal, each student explores marsh, field, and forest habitats in this program adapted from the Institute for Earth Education. Students are introduced to the basic needs of the plant or animal they become, why they are important and some interesting facts about their adaptations. Students will leave having a better connection and understanding of the importance of protecting various habitats and the creatures that inhabit them.

Instincts for Survival (Grades 4 to 8)

Science and Technology (all seasons)

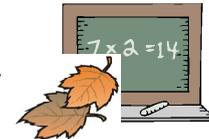


This physically active simulation game helps students to understand environmental niches, animal adaptations, energy flow, and predator-prey relationships by role-playing the life of a herbivore, omnivore or carnivore. This game is completed with a discussion of how people and limiting factors, such as natural disasters impact on ecosystems.

Maple Math (Grades 4-7) - \$1 extra fee per person

Mathematics, Science and Technology, History, Geography (March 1 to March 31)

Students experience the sugar bush by visiting our historical stations. They have an opportunity to better understand the importance of math in their role as future sugar bush farmers.



Orienteering: Map and Compass (Grades 4-6)

Social Studies, Geography, Health and Physical Education (fall, winter and spring)

Junior students learn the basic parts of a compass, how to find north and to orient their map. The students are put to the age-appropriate challenge of using a map and compass to find their way on the trails.

Orienteering: Taking a New Bearing (Grades 7 and 8)

Social Studies, Geography, Health and Physical Education (fall, winter and spring)

Intermediate students review basic parts of a map and compass and take their skills to a new level by learning to read a bearing and putting it to use in the great outdoors.



Snowshoe Excursion (Grades 4-8)

Health and Physical Education (winter)

Your class will enjoy a snowshoe lesson and tour over marshes (weather permitting) and through fields and forests. Learn about snowshoeing techniques, the history of snowshoeing and look for signs of winter plants and animals. Snowshoe rental fee is \$7.00 per person in addition to the regular program fee. (Limited to one class per visit due to equipment)

Ski Lessons (Grades 4-8)

Health and Physical Education (winter)

Bring your class out for cross-country ski lessons! The ski rental cost is \$10.00 per student in addition to the regular program fee. (Limited to one class per visit due to equipment available)



Wet and Wild Water Systems (Grade 8)

Science and Technology (fall, winter and spring)

Students will become familiar with the use and importance of water within the watershed they live in. Through water activities, a game, and outdoor exploration, students will leave with a greater awareness of human impacts on water and actions they can do to conserve it.

Make a Day of It!

Combine your program with other great activities for a terrific day in the great outdoors, or do your own education program. Our education staff would be pleased to provide you with program ideas. Little Cataraqui Creek Conservation Area has a variety of habitats including wetland, field and forest.

There are also great recreation facilities including picnic areas, a 14 km trail system which is groomed for cross-country skiing, and a skating rink on the reservoir during the winter. There are warming huts, a bonfire pit and privies located beside the reservoir and parking lot. Cross-country skis, snowshoes and skates are available to rent. The entrance fee for groups to use our facilities is **\$3.00** per person. There is an additional charge for equipment rentals.

You must make a group booking to use our facilities by calling (613) 546-4228 ext. 222. To book an education program, please call (613) 546-4228 ext. 251.

Acknowledgements

We would like to thank the Cataraqui Conservation Foundation for their generous contributions to the cost of operating our education programs.

Please consider becoming a Foundation supporter or making a donation to the Partners in Outdoor Education fund. For more information call (613) 546-4228 ext. 221 or toll-free 1-877-956-CRCA (2722) ext. 221.

Visit the Foundation page on the CRCA website. Go to www.crca.ca/foundation.



CATARAQUI CONSERVATION
FOUNDATION

We believe that instilling awe and respect for the natural environment today leads to a conservation ethic in decision-making for tomorrow.

Member of



**Conservation
ONTARIO**
Natural Champions

CRCA Junior & Intermediate

(Grades 4 to 8)

Outdoor & Environmental Education Programs

2016-2017

at Little Cataraqui Creek
Conservation Area, Kingston



**CATARAQUI REGION
CONSERVATION AUTHORITY**

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Toll-free (613 area code): 1-877-956-2722

Fax: (613) 547-6474

E-mail: educate@crca.ca

Website: www.crca.ca

Winter Survivors (Grade 4-6)

Half price for January! Special deal for February!

Health and Physical Education and Science and Technology (winter)

Explore the winter wilderness and learn through tracking and observing animal and plant adaptations what it takes for winter survival.

Experience the various habitats and biodiversity that Little Cataraqui Creek Conservation Area has to offer. Your students will also learn basic winter survival skills and cooperative skills as they work in teams to create tarp shelters.



Other Programs Available

The CRCA also offers conservation education programs for primary students, secondary students, adults, pre-schoolers and home learners.

We also offer elementary and secondary school programs and home learner programs at Mac Johnson Wildlife Area in Brockville.

Pick up one of our other pamphlets or visit our website for more information.

Links to the Curriculum

All of our education programs were developed to meet objectives in the *Ontario Curriculum Grades 4 - 8: Science and Technology, Ministry of Education and Training*. We also have programs which meet objectives in *Mathematics, Social Studies, History and Geography, and Health and Physical Education*.

Our programs accommodate various grade levels and are designed to be a springboard for action and understanding. Many of our programs are adaptable to different grade levels or to a different focus. The programs offered strive to be relevant to learners so that they can connect to the natural world through their head, heart and hands.