

## About Our Secondary School Education Programs

The Cataraqui Region Conservation Authority offers a range of quality curriculum based environmental education programs to classroom teachers and their students. This booklet 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

Programs take place at Mac Johnson Wildlife Area (7 km north of Hwy. 401 in Brockville on De-bruge Road).

### Times

All regular programs are two hours in length and are available both mornings and afternoons.

Start and end times are flexible to adapt to bus-ing schedules.

We encourage full day visits so you and your class can take in two education programs or jour-ney on your own through the Conservation Area.

### Fees

- \$6.00 per student attending for all regular half day programs.
- A minimum fee of \$100.00 applies to all groups.
- Please bring cash or a cheque made payable to the Cataraqui Region Conservation Au-thority on the day of your visit.
- Cancellation fee is \$30.00 (see cancellation policy below).

### Booking Instructions

Our conservation education programs can be booked at any time by calling Brenda Graham of the CRCA at (613) 923-1526 or by e-mailing edmjwa@gmail.com.

Please leave a detailed message including your

name, school, grade, class size, proposed dates and choice of program. We will confirm either by phone or e-mail and then also in writing. Note the dates of availability for each program.

### 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 \$30.00 will be charged. Education staff will contact your school by 8:00 a.m. if we need to 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. If you have any questions please call Brenda Graham at (613) 923-1526.

## Program Dates

- **Fall** - September 19 to December 2, 2016  
The last date for Pond Water Ecology program is October 7, 2016
- **Winter** - January 16 to February 24, 2017
- **Spring** - April 10 to June 16, 2017  
The first date for Pond Water Ecology program is May 8, 2017

## Secondary School Programs

Our programs are developed to meet objectives in the Ontario Curriculum for:

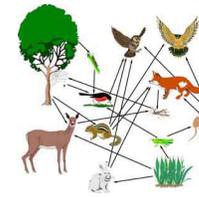
- Science and Technology
- Canadian and World Studies in Geography
- Healthy Active Living Education.

We encourage students to participate in critical thinking and hands-on outdoor activities.

## Conservation - Instincts for Survival

(all seasons)

Grade 9 Biology - Academic/Applied



In this simulation game, stu-dents assume the role of a local mammal. Biological concepts such as predation, competition, food webs, reproduction and conservation are taught in a fun manner.

## Interactions Within Ecosystems - Succession

(fall and spring)

Grade 9 Biology - Academic/Applied

Students will visit three areas where secondary succession is evident; a pond, a meadow and a forest clearing. They will observe and record the succession of new plant life in each of these envi-ronments. Students will also observe an example of primary succession of lichens and mosses on glacial boulders and the example of bio-invasion of purple loosestrife in the wetland.



## Pond Water Ecology (fall and spring)

Grade 9 Biology - Academic/Applied



After a brief introduction to the food chains of the pond, students assess the health and pollution level of the pond by sampling the living organisms present and by testing water samples.

## Map and Compass: Orienteering

(all seasons) Grade 9 Geography: *methods of Geographic Inquiry & Communication*, Grade 11 Geographics: *The Geographer's Toolkit - Workplace*; Grades 9-12 Healthy Active Living Education - Open Paired with a good map, a compass can help you find almost any place you want to go. This program will challenge your students intellectu-ally and physically. The skills of orienteering can last a lifetime and introduce students to the joys of outdoor recreation.

## Make a Day of It!

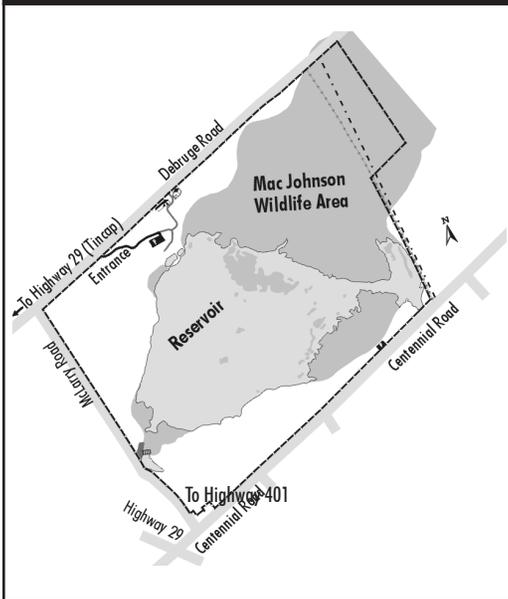
Combine your program with other great activities for a terrific day in the outdoors. Or do your own education program. Our education staff would be pleased to provide you with program ideas. Mac Johnson Wildlife Area has a variety of habitats including wetland, field and forest.

There are also great recreation facilities including picnic areas, an 11 km trail system and a skating rink on the pond during the winter. There is a warming hut, a bonfire pit and washrooms located beside the reservoir and parking lot. The entrance fee for groups to use our facilities is \$2.00 per person.

You must make a group booking to use our facilities by calling (613) 345-1990.

To book an education program, please call (613) 923-1526.

## How to Get Here



## Acknowledgments

The Cataraqui Region Conservation Authority 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 1-877-956-CRCA (2722) ext. 221.

Visit the Foundation page on the CRCA website at [www.crca.ca/foundation](http://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

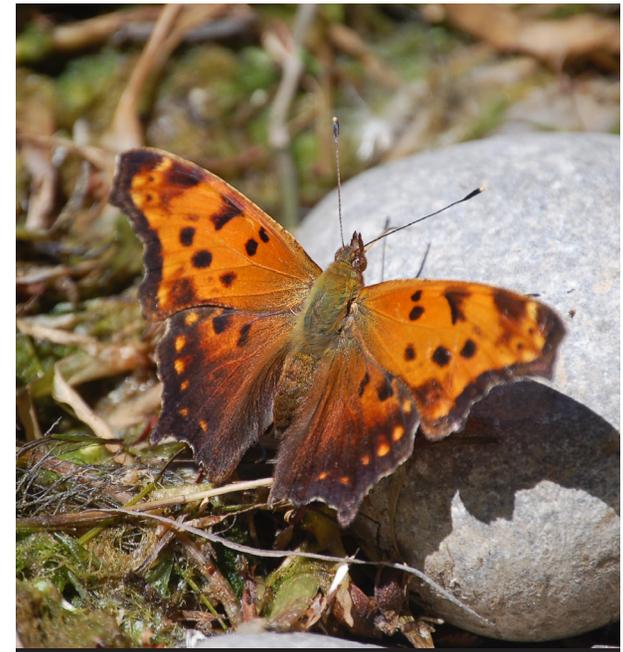


Conservation  
**ONTARIO**  
Natural Champions

# CRCA Secondary School Outdoor & Environmental Education Programs 2016-2017

## Geography, Physical Education, Science and Technology

at  
Mac Johnson Wildlife Area - Brockville



CATARAQUI REGION  
CONSERVATION AUTHORITY

1641 Perth Road, P.O. Box 160  
Glenburnie, Ontario K0H 1S0

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

For bookings: call Brenda Graham at  
(613) 923-1526

E-mail: [edmjwa@gmail.com](mailto:edmjwa@gmail.com)

Website: [www.crca.ca](http://www.crca.ca)