

EXPLORE

LAKEHEAD REGION CONSERVATION AUTHORITY

2018/19 CURRICULUM BROCHURE



www.lakeheadca.com

AVAILABLE PROGRAMS

| PROGRAM | DESCRIPTION | RECOMMENDED LOCATION* | SEASON | TARGET GRADE |
|------------------------------|---|---|--------------------------|--------------|
| AQUATIC STUDY | Students are introduced to the frog life cycle and life in the water. Dip netting provides an opportunity for students to experience aquatic life up close and personal! Rubber boots and a spare change of clothing are recommended. | Hazelwood Lake Mission Island Marsh Mills Block Forest | Fall Spring | K-4 |
| BIRDSLEUTH | Students are introduced to the many different adaptations that make a bird, a bird! Then, get on the trail to become a bird sleuth and learn how to identify birds in their different habitats. Students have an opportunity to learn how to use binoculars. | Mission Island Marsh | Fall Winter Spring | 1-6 |
| ECOSYSTEMS | Students explore and compare three unique ecosystems: the shoreline, the meadow and the wetland. This program can incorporate a hike or allow for students to self-explore with guided supervision. Outdoor Active Games are included. | Mission Island Marsh | Fall Winter Spring | 4-8 |
| ORIENTEERING | Learn to use a compass and take part in an orienteering adventure! Compasses will be provided for students to use during the program. | Hazelwood Lake | Fall Winter Spring | 5-12 |
| SNOWSHOEING | Learn to snowshoe! It is not always as easy as it looks, but it is a great way to get outdoors in the winter. Winter safety and snowshoe games will be covered during this program. | Hazelwood Lake Mission Island Marsh | Winter | 3-8 |
| TREES | They're big, they're strong they're TREES! Explore the world of trees through interactive lessons which teach tree ID skills using dichotomous keys, learn how to measure a tree using a pencil! Younger students explore plants, trees and animal homes. | Hazelwood Lake Cascades | Fall Spring | K-8 |
| WATERSHED CONNECTIONS | Explore the Lakehead Watershed through the use of topographic maps, 3D aerial photos and modelling. Water quality sampling can be done to determine the health of a local river or lake. If extending your trip to a Conservation Area, students will participate in the World Water Monitoring Challenge. | Hazelwood Lake Mission Island Marsh | Fall Spring | 6-12 |
| WILD WATER | Water is the fluid of life! This program will explore the watershed for which the LRCA is responsible. Take a tour of the Neebing-McIntyre Floodway to discover the workings of this unique flood control structure. | Neebing-McIntyre Floodway | Fall Spring | 9-10 |
| WINTER TRACKING | The snow is the perfect medium for identifying who might be lurking around our Conservation Areas in the winter. Both tracks and scat are examined! | Hazelwood Lake Mission Island Marsh | Winter | 5-8 |
| ROCKS & MINERALS | Rock or Mineral identification skills. Each activity begins with a smartboard lesson covering the origins of rocks and minerals as well as methods to identify key types. Mining Matters kits are used to provide hands on identification practice. | Classroom with possible field trip extension. Two separate lessons are needed for rocks & minerals. | Fall, Winter Spring | 4-7 11-12 |
| WETLANDS | This program exposes students to the wide variety of plant and animal life living in wetlands. The values of wetlands include the important function of cleaning and storing water. Human activities can effect wetlands in positive and negative ways; students become aware of ways become good stewards of the environment and help to protect wetlands. | Hazelwood Lake Mission Island Marsh | June - Mid-October | 4-12 |

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|--|--|--|--------------------------|------|
| GEOCACHING & MAPPING | Students will learn about the popular sport of geocaching and how to use a GPS to navigate. In addition, students will learn how to use a GPS to map routes, waypoints and important geographic features. | Hazelwood Lake | Fall Spring | 5-12 |
| SPECIES AT RISK AND GREEN INFRASTRUCTURE | This classroom-based program begins with a slideshow featuring Species at Risk (SAR) locally and provincially, and focusses on the Monarch Butterfly. The key idea is for students to realize that their actions individually and as a school can make a difference for SAR. Milkweed seeds will be distributed to each participating class, with a Spring or Fall Field Trip suggested to allow students to plant Milkweed. | In-Class (with field trip options available) | June, September, October | 1-7 |
| *All of the listed Conservation Areas are equipped with a pavilion and outhouses, with the exception of Mills Block Forest | | | | |

HOW TO BOOK A PROGRAM

It's easy! Simply visit <http://lakeheadca.com/events-education/environmental-education/living-classroom-program> or call us at (807) 344-5857. **The LRCA delivers environmental education programming during the months of September - November and March - June, subject to staff availability.** Use the booking form on the back of this brochure or register online. Please ensure you complete the form in its entirety! Upon receiving your registration, staff will send a confirmation email, which will include a package on 'Preparing for your Program'. To ensure there is no miscommunication between schools and the LRCA, please complete a separate form for each participating class. Cancellations within two weeks of your scheduled program will be subject to 50% of the programming fee, unless another class can be substituted (substituted class must participate in the same scheduled program). Cancellations due to inclement weather will be rescheduled as time and availability permits.

PROGRAMMING FEES

\$5.00/participant for a 2 hr. program in a Conservation Area

Although effort is made to make additional staff available to assist with programming, our Education Coordinator is our designated staff person for programming. Your class will have the best learning opportunities if the maximum number of students does not exceed approximately 30 participants (or one class, which ever is greater). However, we also understand that bus sharing is, at times, the most efficient way for out-of-classroom learning to occur. If a school is interested in registering more than one class per programming session, please note that teacher and parent volunteer assistance will be required. Help us make your Living Classroom experience the best it can be! Bookings with less than 20 students will be subject to a \$100.00 min. fee.

IN-CLASS PROGRAMS

\$165.00 for a 2 hr. program

Many of our programs can be adapted to be presented right in your classroom and school yard! Please note that in-class programs are intended for individual classes, however we can arrange for multiple bookings within a single school day. Individual class bookings ensure optimal learning, student participation and knowledge transfer. Custom programs are available based on staff time and availability. Please contact us to discuss.

SPECIAL INFORMATION FOR PROGRAMS

It is important that students are dressed appropriately for all programming. Consider booking an in-class winter program if accessible facilities are a concern for your group. It is required that the school bus remain onsite, especially during winter programs. The cancellation of programs due to weather concerns is left to the discretion of the teacher that booked the program.

CONTACT INFORMATION

Gene Kent, Education Coordinator, (807) 344-5857 ext. 233 | Email: genekent@lakeheadca.com

SCHOOL PROGRAM BOOKING FORM

Please remember to complete a form for each attending class

School Name: _____

Main Contact: _____

Attending Teacher (if different from main contact): _____

Phone: _____ Fax: _____

Email: _____

Best method of contact (please circle): phone fax email

Grade: _____ Number of Students: _____

Date Requested: _____ Date Confirmed? Y/N

Estimated Time of Arrival: _____ Estimated Time of Departure: _____

| PLEASE CHECK | PROGRAM | RECOMMENDED LOCATION* (please circle) | | | |
|--|----------------------|--|----------------------|--------------------|-------------|
| | AQUATIC STUDY | Hazelwood Lake | Mission Island Marsh | Mills Block Forest | Other:_____ |
| | BIRDSLEUTH | Mission Island Marsh | Other:_____ | | |
| | ECOSYSTEMS | Mission Island Marsh | Other:_____ | | |
| | ORIENTEERING | Hazelwood Lake | Other:_____ | | |
| | SNOWSHOEING | Hazelwood Lake | Mission Island Marsh | Other:_____ | |
| | TREES | Hazelwood Lake | Cascades | Other:_____ | |
| | WATERSHEDS | Hazelwood Lake | Mission Island Marsh | Other:_____ | |
| | WILD WATER | Neebing-McIntyre Floodway | | | |
| | WINTER TRACKING | Hazelwood Lake | Mission Island Marsh | Other:_____ | |
| | ROCKS & MINERALS | Classroom with possible field trip extension. Specify topic and location in the space below. | | | |
| | WETLANDS | Hazelwood Lake | Mission Island Marsh | | |
| | GEOCACHING & MAPPING | Hazelwood Lake | Other:_____ | | |
| | SPECIES AT RISK | In-Class | | | |
| | CUSTOM | Please specify topic and location in the space below. Subject to Staff availability. | | | |
| *All of the listed Conservation Areas are equipped with a pavilion and outhouses, with the exception of Mills Block Forest | | | | | |

Any special requirements/needs we should know about?

Disclaimer: By taking part in an environmental education program hosted by the Lakehead Region Conservation Authority, the school stated above will assume all risk and liability for such program.

Cancellation Policy: Cancellations within two weeks of your scheduled program will be subject to 50% of the programming fee, unless another class from the same school can be substituted (substituted class must participate in the same scheduled program). Cancellations due to inclement weather will be rescheduled as time and availability permits.

Photos: Photos taken by the LRCA may be used for marketing and promotional material. By signing this form the school representative is aware that photos may be taken at the event and used for future marketing and promotional materials. If you have students that you do not wish to be photographed, please provide LRCA Staff a list prior to the program.

Teacher/School Representative Signature

Teacher/School Representative (Please Print)