

EXPLORE



LAKEHEAD REGION CONSERVATION AUTHORITY

2023/24 EDUCATION PROGRAMS!



www.lakeheadca.com
education@lakeheadca.com

LRCA Education Programs

PROGRAM	WHEN?	DESCRIPTION	WHERE?	CURRICULUM CONNECTIONS
WINTER'S WILD LIVES	Winter	Uncover the mysteries of winter forest life! While hiking through fields and forest, students search for evidence of wild lives, learning how to discover the identity of an animal from its tracks, and using their imaginations to "read" the story of its day written in the snow. Discover how plants and animals survive the cold!	Hazelwood Lake Hurkett Cove Little Trout Bay Mills Block Forest	Grade 1--> Needs, Char. of Living Things Grade 2--> Growth, Changes in Animals Grade 3--> Growth and Changes in Plants Grade 4--> Habitats and Communities Grade 6--> Diversity of Living Things Grade 7--> Interactions in Ecosystems
INSECTS	Spring Fall	Discover insect life cycles, adaptations and habitats, and learn how important they are to life on our planet. Students have the opportunity to catch, observe and release a variety of insects from several habitats. Students are presented with the concept of classification, and practice using field guides to identify members of this fascinating group of animals.	Mission Island Marsh Hazelwood Lake Mills Block	Grade 1 --> Needs, Char. of Living Things Grade 2 --> Growth, Changes in Animals Grade 4 --> Habitats and Communities Grade 6 --> Diversity of Living Things
ART WITH NATURE	Spring Fall	Explore the colours, patterns, textures and shapes of our living world! Use your math skills in your art! Make ephemeral art directly on the land using found natural items. Bring a nature journal and practice your sketching skills - landscapes? Fungi? Cones? Challenge your students to artmaking like the masters, en plein air!	Mission Island Marsh Hazelwood Lake Your Schoolyard	K-8 Visual Arts Math
BIRDS IN THE 'HOOD (K-6)	Winter Spring Fall	Design your own bird in the Field Marks Game. Apply what you know about field marks to solve the Mystery Bird! With the Bird Beak Stations game, explore how different birds find and eat their food. Learn to use binoculars, then step outside to put your identification skills to work - who will we see?	In class activities + a bird hike in your schoolyard or neighbourhood	Grade 1 --> Needs, Char. of Living Things Grade 2 --> Growth, Change in Animals Grade 4 --> Habitats and Communities
BIRDS IN THE 'HOOD (6-8)	Winter Spring Fall	Starting at Binocular Bootcamp, your students learn to use a field guide and binoculars with our class set of Birding Backpacks. Then we take it to the next level, and head out on a guided hike, practicing identifying birds by sight and sound. We will submit our observations to community science databases!	In-class activities + a bird hike in your schoolyard or neighbourhood	Grade 6 --> Biodiversity, Healthy Living, Active Living Grade 7, 8 --> Ecosystem interactions, Healthy Living, Movement Competence, Active Living
LET'S GO BIRDING	Spring Fall	Go on a birding expedition using binoculars and field guides. Students are introduced to bird adaptations with hands-on activities, and learn the basics of identification: sounds, size, shape, colour and habitat! Age appropriate games and activities compliment a guided hike through several habitats.	Hazelwood Lake Mission Island Marsh Cascades Hurkett Cove Little Trout Bay Neebing-McIntyre Floodway	Grade 1 --> Needs, Char. of Living Things Grade 2 --> Growth, Change in Animals Grade 4 --> Habitats and Communities Grade 6 --> Biodiversity Grade 7 --> Ecosystem interactions
BIOBLITZ!	Winter Spring Fall	Using the Seek App (by iNaturalist), students will log as many species-level observations as they can while they hike through several different ecosystems. Learn to identify native and invasive species. Why is biodiversity so important for climate resilience? Watch your students make surprising discoveries about the biodiversity of their watershed.	Mission Island Marsh LRCA Head Office at 130 Conservation Rd. Hazelwood Lake Wishart Forest Little Trout Bay Hurkett Cove	Grade 6 --> Biodiversity Grade 7 --> Ecosystem interactions Grade 8 --> Healthy Living



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SOILS	Fall	Meet the creatures who make the forest soil! Look for lichen, fungi, snails, beetles, worms, and ants, while we discover the forest's recipe for soil. Do a soil stratigraphy experiment to discover soil layers and horizons. Students learn about soil with all their senses.	Hazelwood Lake Hurkett Cove Little Trout Bay	Grade 3 --> Soils in the Environment
WATER AND PEOPLE (it's complicated)	Winter Spring Fall	Learn how the LRCA manages the relationship between people and water in our Lakehead watershed: wetland protection, flood mitigation, shoreline protection, invasive species control, and more! Explore a nearby watercourse and discover ways you can be involved in keeping our watershed healthy and sustainable!	Neebing-McIntyre Floodway or any river or wetland near your school	Grade 8 --> Water Systems Grade 9 --> Geography Grade 11 --> Biology, Environmental Science
BOREAL FOREST SURVIVAL SKILLS	Early Spring, Fall Winter	Bring what you know about heat transfer in the environment and win a race, build a shelter, observe and try out animal survival strategies, and save your friend from hypothermia as we hike through the forest!	Hazelwood Lake	Grade 7—Heat in the Environment
TREES AND FORESTS	Winter Spring Fall	Learn how a tree works, and how they make forests. Choose a tree to adopt, and see if you can catch your tree breathing! Head out on a Tree Hike, learn to use a dichotomous key to identify the trees you meet. Uncover the Wood Wide Web, and see how trees communicate, notice how they live in families, share with their neighbours and recycle everything they use.	Cascades Hazelwood Lake Hurkett Cove Little Trout Bay	Grade 1 --> Needs and Char. of Living Things Grade 3 --> Growth and Changes in Plants Grade 4 --> Habitats and Communities Grade 7 --> Ecosystem interactions Grade 11 --> Biology, Environmental Science
WAYFINDING (Map, Compass, GPS, Geocaching)	Winter Spring Fall	Students learn how to use wayfinding tools, then put their skills to the test to complete a series of challenges on the trails at Hazelwood Lake Conservation Area in this active program.	Hazelwood Lake	Grade 7 --> Geography (using maps) Grade 8 --> Geography
FRESHWATER ECOSYSTEMS	Spring, Fall	Discover the life at the bottom of a river! Meet some surprising neighbours. Younger classes can explore this ecosystem with rubber boots, dip nets and aquaria, and learn about the life cycles of dragonflies and frogs. Older classes work together to conduct a benthic invertebrate analysis to measure richness and abundance in the invertebrate populations, collecting samples then using field guides and dichotomous keys to identify creatures, and discover how scientists use this data to track water quality and watershed health. Choose a Conservation Area, or, we can bring the river to your classroom!	Hazelwood Lake Mission Island Marsh Cascades Hurkett Cove Little Trout Bay Neebing McIntyre Floodway	Grade 2 --> Growth and change in animals Grade 4 --> Habitats and Communities Grade 6 --> Biodiversity Grade 8 --> Water Systems
LET'S MAKE A MAP!	Spring Fall	Go on a nature walk, mapping your walk as you go! Decorate your map with special finds from your walk!	Hazelwood Lake Mission Island Marsh Cascades	Grade 2 --> Location and Movement

VISIT A LIVING CLASSROOM

\$165.00 flat rate - 2 hour program
(+\$5.00 for each participant over 30)

Take their learning into our amazing Conservation Areas! Connect their inquiries, curiosity and energy to the living world.

Your class will have the best learning opportunities if the maximum number of students does not exceed 30. If a school is interested in registering more than one class per program, please note that teacher and parent volunteer assistance will be required.



IN-CLASS AT SCHOOL PROGRAMS

\$165.00 flat rate - 1.5 hour 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 designed for a maximum of 30 students, to ensure hands on experiences and maximize student participation. We can arrange for multiple bookings within a single school day if more than one class would like the program.



HOW TO BOOK A PROGRAM ★

Find the Program Booking Request form at the bottom of our Environmental Education page:

lakeheadca.com/environmental-education

Or contact the LRCA Education Coordinator,
Rachael Zacharias Bezanson:

education@lakeheadca.com

(807) 344-5857 x 233

Rachael will get back to you, and work with you to bring curriculum-connected learning to life for your class!

