



St Clair Conservation is now taking Field Trip, Schoolyard and In-Class bookings for the 2023-2024 school year!



FIELD TRIPS to a Conservation Area:

SCRCA's Outdoor Education Team is excited to welcome teachers and students back to our Conservation Area for Field Trips! See below for a full list of program options.

Program Fee: \$7.50/student for a 2 hour program. \$14.00/student for 4 hours (2 programs).

A minimum fee of \$135.00 per class (2 hour program).

Elementary Field Trip Options:

ALL FIELD TRIPS NOW available in French - Disponible en français

Fabulous Fall - FDK-Gr 3

Available September-November 2023

Students are invited to an Autumn Adventure in the Conservation Area! The Fall season offers so much to explore; hibernation, migration, and dormancy are happening all around. This action-packed, hands-on field trip allows students to become Forest Detectives, uncovering the secret lives of plants & animals.

Pond Pals - FDK-Gr 3

Available September-November 2023 & April-June 2024

Explore the pond habitat as we look for frogs, turtles, tadpoles, fish, insects, and more! Students will learn about animal needs, life-cycles, habitats, and how all the parts of the pond work together as a community!

The Lorax - FDK-Gr 4

Available September-November 2023 & April-June 2024

The Dr. Seuss story introduces students to the importance of clean air, fresh water, and animal habitats through a hike and environmental nature activities.

Circle of Life - Gr 2

Available September-November 2023 & April-June 2024

During this role-playing game, students learn the life cycle of a butterfly, exploring metamorphosis, meeting their needs, and escaping predators! An interpretive hike, allows students to learn more, by looking for real-life examples of life-cycles, in the Conservation Area. Pond exploration OR insect sweep net activity is available upon request.

Plants, Trees & Soils – Gr 2-4

Available September-November 2023 & April-June 2024

Soil is the foundation for all life on Earth. Without soil, we cannot grow plants, which form the base of the food chain. During this hands-on program, students will explore the forest floor, looking under leaves, rolling logs, and discovering the life found below. We will uncover nurse logs, discuss decomposition and watch leaves and logs crumble back into soil! Then students will turn their eyes to the sky, to learn more about the trees, their parts, their needs, and their connection to the soil below.

Choose your Own Adventure Orienteering – Gr 2-5

Available September-November 2023 & April-June 2024

Students navigate through a 'choose your own Adventure' story with the aid of a map and compass to locate 'adventure stations'. Along the route, students make animal survival decisions & earn survival 'points' in an attempt to be the strongest survivor!

Owl Prowl - Gr 3-5

Available September-November 2023 & April-June 2024

'Birds of prey by night or day, hunt their food before it strays'. Students become owls & through an active simulation game, they learn how owls meet their needs, what specialized adaptations help them survive, and what roles they play within their habitats.

Boots, Birds & Bugs - Gr 4

Available September-November 2023 & April-June 2024

Students participate in a habitat study at the Conservation Area. We will explore 2 habitats; the pond & the forest. Exploring habitats means looking for animal and plant adaptations that suit each space and observing the food chains that exist within.

Endangered Species Game - Gr 4-6

Available Anytime! September 2023-June 2024

This active game introduces students to some of the Species at Risk found in

Ontario. Students role-play 'special concern', 'threatened', and 'endangered' species trying to survive the many threats affecting local wildlife. Student success decides which species go extinct and which expand their populations, and thereby change their 'at risk' status.

Pokecaching - Gr 4-8

Available Anytime! September 2023-June 2024

Pokecaching is a "Pokemon Go" inspired geocaching game designed by LKDSB Enrichment Students that puts Geography curriculum into action. Participating students will use GPS units to locate Pokecaches. Tokens will be collected for a "Pokemon Gym Battle" at the conclusion of the 2 hour program.

Geocaching_- Gr 5-8

Available Anytime! September 2023-June 2024

Geocaching is a high-tech treasure hunt using a Global Positioning System (GPS) receiver along with Latitude and Longitude coordinates to find hidden caches. Students will learn how to 'mark' waypoints, 'hide' a cache, and 'find' hidden geocaches in the Conservation Area.

Instincts for Survival - Gr 4-8

Available Anytime! September 2023-June 2024

'Survival of the fittest' is nature's law that assists the balance of nature. This simulation game teaches students about species inter-dependencies, predator/prey relationships, survival adaptations, and tactics, natural and human impacts of wildlife.

A Bug's World – Gr 6

Available September-November 2023 & April-June 2024

Identification and Classification are easy concepts to understand when we look at insects and other invertebrates found in the Conservation Area. This program explores the biodiversity found in two habitats; the pond and the forest. Students learn basic classification techniques and then apply them to real-life 'bugs' during this field experiment!

Conservation in Crisis (with GPS) - Gr 6-8

Available Anytime! September 2023-June 2024

The state of the environment is a serious problem; loss of habitat, pollution, erosion, and climate change are only a small portion of the problems the St Clair Region watershed faces. Students will explore how Conservation Authority's role in finding solutions to these problems through outdoor activities and a self-guided hike using GPS receivers. A short introduction to GPS use is included.

Wild, Wild Wetlands – Gr 7-8

Available September-November 2023 & April-June 2024

Students explore a wetland ecosystem during this field study! Observing the plants & animals found in a wetland can tell a scientist a lot about the health of that system. Students are introduced to water quality and during the program will complete a benthic bio-indicator study, which will help determine the quality of water in the pond at Henderson Conservation Area.

Nature in Winter – FDK-Gr 3

Available Winter 2024

Students can experience a winter adventure in the Conservation Area. Winter offers so much to explore! Using tracks, chew marks, food caches, and even scat, we can become animal detectives to uncover the secret lives of the animals outdoors in the Winter! The Chickadees are hand-feeding at Lorne Henderson Conservation Area again this winter! Curriculum connections abound for each grade level; nature inquiry, changing seasons, water in the environment, animal needs, life cycles, plants in winter, soil in winter, adaptations, food chains, and more!

Sweet Maple Syrup – FDK-Gr 3

Available March 19-22nd 2024

How was Maple Syrup discovered? How has it been produced over the years? Are Maples the only trees that make syrup? Why is Maple Syrup an important part of Canadian and French Canadian culture? Find out the answers to these

questions and more by visiting AW Campbell Conservation Area for a *FIELD TRIP!* This program offers a fun and interactive mix of learning - activities, games & songs in the Sugar Bush!

Spring has Sprung - FDK-Gr 4

Available April-June 2024

Start your Spring by studying the variety of changes that occur in nature. Flowers in blossom, budding trees, nest building, life cycles, habitats, and more will be presented to your students through a nature hike and activities.

Contact mlevi@scrca.on.ca to Book an Elementary Field Trip!

Réservez votre excursion scolaire: mspiller@scrca.on.ca

Secondary Field Trip Options:

Forest Inventory

Available Anytime! September 2023-June 2024

Curriculum Connections - SNC1D, SNC1P, SNC2D, SNC2P, SBI3U, SBI3C, SCH4C, SVN3M, SVN3E, CGC1D, CGC1P, CGR4U, CGW4U, THH3E.

Learn the history, geography, and biology of the space you call home! During this program, students will take a critical look at their own watershed learning more about human impact through time and space. Using the Conservation Area as our classroom, students will learn inventory techniques designed to assess the health of a forest system. Observation highlights the impacts of deforestation, & agriculture on the plants, animals, and people of this place.

Healing Hike

Available Anytime! September 2023-June 2024

Connects specifically to Mental Health and Student Well-Being

Research continues to grow connecting time spent in nature with human health. Studies have shown that time spent in the forest improves both physical and mental health. Join us for a guided 'healing hike' where St. Clair Ed Staff teaches a series of awareness-building, stress-reducing activities. Students record heart rate, breathing rate, and stress rate before and after the hike to add a measurable component to the student's experience.

Instincts for Survival - Gr 9-12

Available Anytime! September 2023-June 2024

Also available in French - Disponible en français

'Survival of the fittest' is nature's law that assists the balance of nature. This simulation game teaches students about species inter-dependencies, predator/prey relationships, survival adaptations, and tactics, natural and human impacts of wildlife.

Geocaching_ - Gr 9-12

Available Anytime! September 2023-June 2024

Also available in French - Disponible en français

Geocaching is a high-tech treasure hunt using a Global Positioning System (GPS) receiver along with Latitude and Longitude coordinates to find hidden caches. Students will learn how to 'mark' waypoints, 'hide' a cache, and 'find' hidden geocaches in the Conservation Area.

Water Quality 101

Available September-November 2023 & May-June 2024

Curriculum Connections - SNC1D, SNC1P, SNC2D, SNC2P, SBI3U, SBI3C, SCH4C, SVN3M, SVN3E, CGC1D, CGC1P, CGR4U, CGW4U, THH3E.

Students participate in a Stream Assessment, modeled after OBBN protocol. Students will learn the basics of a water quality based on 3 data sets; physical characteristics, water chemistry, and benthic invertebrate communities. In this 'field lab' students will use real-time observations, specimen collections, and data sets to complete their own water quality study.

Contact mlevi@scrca.on.ca to Book a Secondary Field Trip!

Réservez votre excursion scolaire mspiller@scrca.on.ca

Specialist High Skills Major (SHSM):

Specialist High Skills Major (SHSM)

Certification Workshops

St Clair Education is flexible working with teachers to develop and deliver Certifications for SHSM students across many sectors. Popular Certifications offered to date include;

- *Nutrient Management*
- *Compass/Map/GPS*
- *Stress Management Techniques*
- *Tree Planting*
- *Principles of Drainage*
- *Species Identification*
- *Watershed Management*
- *Habitat Restoration*
- *Introduction to Stream Assessment*
- *Animal and Plant Management*
- *Sustainability Practices for Agriculture*

Sector Partnered Experiences - Innovation, Creativity and Entrepreneurship (ICE) Training

St Clair Education works directly with schools and school boards to offer meaningful ICE training; we are qualified to act as sector partner and facilitator for a variety of SHSM sectors.

Program Fee for Certification Workshops \$250 per 1/2 day OR \$400 per full day.

Program Fee Sector Partner Experience (ICE Training): \$400.00/day

Contact mlevi@scrca.on.ca to Book an SHSM Experience!

NATURE IN YOUR NEIGHBOURHOOD Schoolyard Programs:

ALL PROGRAMS NOW Available in French - Disponible en français

Fees: \$125.00/class/1hour program + \$100.00 for each additional class at the same school on the same day

Schoolyard Fabulous Fall - FDK-Gr 3

Available September-November 2023

Students are invited to an Autumn Adventure in their Schoolyard! This hands-on program encourages students to learn more about what the plants and animals are doing to prepare for winter!

Schoolyard Lorax – K-4

Available September-November 2023 & April-June 2024

The Dr. Seuss story introduces students to the importance of clean air, fresh water, and safe habitats through active games and animal role-play. Plant your own seed to take home or raise in the classroom!

Schoolyard Circle of Life - Gr 2

Available September-November 2023 & April-June 2024

During this role-playing game, students learn the life cycle of a butterfly, exploring metamorphosis, meeting their needs, and escaping predators! A bug hunt in the schoolyard allows students to learn more, by looking for real-life examples of life cycles.

Schoolyard Owl Prowl - Gr 3-5

Available September-November 2023 & April-June 2024

'Birds of prey by night or day, hunt their food before it strays'. Students become owls & through an active simulation game, they learn how owls meet their needs, what specialized adaptations help them survive, and what roles they play within their habitats.

Schoolyard Endangered Species Game - Gr 4-6

Available Anytime! September 2023-June 2024

This active game introduces students to some of the Species at Risk found in Ontario. Students role-play 'special concern', 'threatened', and 'endangered' species trying to survive the many threats affecting local wildlife. Student success decides which species go extinct and which expand their populations, and thereby change their 'at risk' status.

***NEW* Schoolyard Climate Change Games – Gr 5-8**

Available Anytime! September 2023-June 2024

Get students active outdoors in the Schoolyard in the Winter! Using the science of Climate Change, this NEW program focuses on Climate Solutions! Through a series of games & activities we aim to provide students with the tools & confidence to meet the future as a Solvable Challenge!

Schoolyard Geocaching - Gr 5-8

Available September-November 2023 & April-June 2024

Geocaching is a high-tech treasure hunt using a Global Positioning System (GPS) receiver along with Latitude and Longitude coordinates to find hidden caches. Students will learn how to 'mark' waypoints, 'hide' a cache, and 'find' hidden geocaches in the Conservation Area.

Nature in Winter - FDK-Gr 3

Available December 2023 - March 2024

Students can experience a winter adventure in the schoolyard! Winter offers so much to explore! Using tracks, chew marks, food caches, and even scat, we can become animal detectives to uncover the secret lives of the animals outdoors in the Winter! Curriculum connections abound for each grade level; nature inquiry, changing seasons, water in the environment, animal needs, life

cycles, plants in winter, soil in winter, adaptations, food chains, and more!

Schoolyard Spring has Sprung - FDK-Gr 3

Available April-June 2024

Start your Spring by studying the variety of changes that occur in nature. Flowers in blossom, budding trees, nest building, life cycles, habitats, and more will be presented to your students through a schoolyard investigation and activities.

Contact mspiller@scrca.on.ca to Book a Schoolyard Program

Winter 2023-2024: Sponsored In-Class Conservation Education Programs:

NEW! My Environment Program - FDK-Gr2

FREE - Sponsored by Eco Action Canada

LIMITED SPACES AVAILABLE

Available December 2023 - March 2024

FDK - Gr 2 - What's Going On In The Water? - Learn about what's happening in your local environment! Through stories, games, and lots of hands-on fun, students learn about their environment, what happens when water gets polluted, and how we can clean it up!

Gr 1 - Lights, Energy, Action! - What is energy and how does it work? Through games and hands-on science experiments, students will learn about renewable and non-renewable energy, how harvesting energy affects the local environment, and how to save energy and make the world a better place for future generations.

Aquatic Species at Risk PRIMARY – FDK-Gr 3

FREE - Sponsored by Department of Fisheries and Oceans

LIMITED SPACES AVAILABLE

Available December 2023 - March 2024

This program provides an introduction to the LOCAL animals that live in the St Clair Region watershed community, through stories, puppets and games. Learning to share space with, respect & care for our animal neighbours will be the focus of discussion.

Spring Water Awareness Schoolyard Program - FDK-Gr 8 -

Disponible en français

FREE - Sponsored by Plains-Midstream Canada

LIMITED SPACES AVAILABLE

Available April 2024

Learn how cold water + flood water = dangerous water in the schoolyard this April! Students will participate in experiments, games, and role-playing activities to help them better understand what's happening with water in the spring! The program will contain grade-specific curriculum links and activities; for example, seasonal changes, water safety, erosion, flooding, the human body, and human impacts on our local environment.

Aquatic Species at Risk – Gr 4-8

FREE - Sponsored by Department of Fisheries and Oceans

LIMITED SPACES AVAILABLE

Available December 2023 - March 2024

This program provides an in-depth look at LOCAL Species at Risk (including hands-on investigation of specimens). Exploration of the species, their importance, the factors that cause species decline, and the solutions available to help restore healthy populations are all discussed in the presentation.

River Rap Program – Gr 6-8

FREE - Sponsored by Friends of the St. Clair River

LIMITED SPACES AVAILABLE

Available December 2023 - March 2024

Students learn about local threats to our watershed using a hands-on 'enviro-scape' model. Current remediation strategies & best management practices will be discussed; demonstrating to students how to ensure clean, safe water for the St Clair River community (including the people, the plants and the animals).

Phosphorus 101 – Gr 8-12

FREE - Sponsored by Friends of the St. Clair River

LIMITED SPACES AVAILABLE

Available December 2023 - March 2024

Developed in tandem with the 'Sydenham Watershed Phosphorus Management Plan', this program is designed to introduce students to the environmental issues created by phosphorus loading in Lake Erie. After receiving an introduction to the issue, students are led through an Innovation, Creativity, Entrepreneurship training session, brainstorming solutions to the excess phosphorus problem. This is a multi-visit program designed to take place over 2 teaching periods.

Aquatic Species at Risk SECONDARY – Gr 9-12

FREE - Sponsored by Department of Fisheries and Oceans

LIMITED SPACES AVAILABLE

Available December 2023 - March 2024

This program provides an opportunity to discuss LOCAL Species at Risk in the context of climate change, ecology, and watershed geography. Topics discussed include stacked climate impacts, invasive species, population dynamics, habitat restoration, environmental protection laws/strategies. Information is local and reflects the current situation in the St Clair Watershed. Educators are happy to specialize the program to meet specific curriculums needs.

Contact mspiller@scrca.on.ca to Book a Sponsored In-Class Program!

Fee-Based In-Class Programs

Unfortunately some of our in-class programs are not currently sponsored. As we pursue sponsorship, we are only able to offer these as Fee-Based programs. Please know, we will update you all as soon as Sponsorship has been acquired!

Fees: \$150.00/class/1hour program + \$125.00 for each additional class at the same school on the same day

Go with the Flow - PRIMARY – FDK-Gr 3

Available as FEE-Based ONLY for December 2023-March 2024

Learn about Water in the Classroom!! An interactive story and hands-on experiments teach students about the water cycle, water quality, human impact on water and just how important water is!

Go with the Flow – Gr 4-8

Available as FEE-Based ONLY for December 2023-March 2024

Using an interactive Groundwater Model, this program demonstrates how interdependence links the soil, earth materials, and water - making them part of the same system needed to support life! Different activities for each Grade: Rocks & Minerals, Energy, Electricity, Ecosystems, and Water Systems.

Contact mlevi@scrca.on.ca to Book Go With the Flow!

ALTERNATIVE PROGRAM OPTIONS:

St Clair continues to offer alternative options for Virtual Classes and those that cannot travel, including Live Stream and Nature in Your Neighbourhood schoolyard programs. Please contact us for more information.

Contact mlevi@scrca.on.ca for Info on Alternative Programs

Contactez mspiller@scrca.on.ca pour plus d'infos sur nos programmes alternatives

FREE CLASSROOM RESOURCES

Below is a list of FREE RESOURCES now available to teachers for use in

Trip

Are you interested in receiving Email Updates as new Education Opportunities become available? Subscribe to our Mailing List below!

Email Address

Subscribe

The St. Clair Region Conservation Authority is located in southwestern Ontario and includes the Sydenham River watershed and smaller watersheds draining directly into southern Lake Huron, the St. Clair River and northeastern Lake St. Clair. The Conservation Authority implements programs to reduce the risk to life and property from flooding and erosion; water and land stewardship; forestry; wildlife habitat creation and outdoor recreation.

