

THE
**CAMP
KAWARTHA**
Environment Centre

www.campkawartha.ca

Camp Kawartha, in partnership with
Otonabee Region Conservation Authority (ORCA)
and Earth Day Canada is proud to present:

Be a Water Steward

A program for elementary and high school students.

LEARN ABOUT: Water Conservation | Watersheds | Wetland Rehabilitation | Water Cycle

Special thanks to our partners and funders: Otonabee Region Conservation Authority,
Earth Day Canada, Ontario Trillium Foundation and the Gainey Foundation.



Community Environment Fund



Water Steward Programs

How the “Be a Water Steward” program works:

The “Be a Water Steward” is a unique two phase program. In **part one**, students visit the Camp Kawartha Environment Centre and select one water stewardship program (see other side) and one additional environmental program (see www.campkawartha.ca/environmentcentre for program listings). As part of their visit, students also participate in a comprehensive tour of the unique features showcased by the Environment Centre, one of Canada’s most sustainable buildings.

In **part two**, students put knowledge into action. Led by ORCA Staff, students visit a local watershed site during spring/fall. Older students participate in a brief biophysical overview; assess water quality and ecological diversity. They review management principles such as flood retention and the impact of development. Younger students explore local diversity and learn about the benefits of wetlands. ORCA Staff then engage students in rehabilitation activities. Any data collected is added to our website and shared with researchers.

Upon completion of both parts one and two, students receive a “Be a Water Steward” certificate.

This program is available for a limited time only at a special price. Thanks to the Ontario Trillium Foundation for subsidizing the cost of bussing. Please call Camp Kawartha for details.

Water Conservation Pentathlon

Fall, winter, spring



Engaging with student’s natural urge to compete, this program is both active and educational. Students participate in water themed activities based on principles of conservation. Winners protect their precious source water by avoiding pollution and applying conservation strategies and sustainable technologies. All students come to understand how valuable and vulnerable our fresh water supply really is. They also leave with practical ideas on how to preserve and protect this precious resource.

Suitable for grades 4 to 10.

Best curriculum fit:

Grade 5 Conservation of Energy
Grade 8 Water Systems. Resources

Every Drop Counts

Fall, winter, spring



Journey with us as we follow the water cycle and discover how the water we enjoy today has been recycled for millions of years. Learn how our actions affect water and what we can do to protect this valuable resource.

Suitable for grades Kindergarten to Grade 4.

Best curriculum fit:

Grade 2 Air and Water in the Environment
Grade 4 Habitats and Communities

Wetlands and Diversity

Fall and spring only



Let the wonders of wetland life inspire students in this program. Students are trained in proper collection techniques and they obtain samples of a variety of aquatic invertebrates. Students learn how to use a dichotomous key and how to identify these fascinating creatures. Once identified, students learn about the unique adaptive features of wetland organisms and what they need to survive.

Suitable for grades 4 to 12.

Best curriculum fit:

Grade 6 Biodiversity
Grade 7 Interactions in the Environment
Grade 11 Environmental Science



Wetland Wonders

Fall and spring only

Wetlands are vibrant ecosystems, among the most rich and diverse of all natural habitats. Using nets and scopes younger students catch water bugs and discover some of the amazing adaptations of aquatic invertebrates. They also listen and look for the many wetland birds and amphibians that inhabit the beautiful area around the wetland centre.



Suitable for grades Kindergarten to grade 4.

Best curriculum fit:

- Grade 1 Needs and Characteristics of Living Things
- Grade 2 Growth and Change in Animals/ Air and Water in the Environment
- Grade 4 Habitat and Communities

Shedding Light on Your Watershed

Fall, winter, spring

Each watershed is an intimate natural community. Disturbances in one area affect all areas downstream. In this program, students use interactive watershed models and participate in a variety of hands on and investigative activities to illustrate the many valuable functions of their local watershed.



Suitable for grades 5 to 8.

Best curriculum fit:

- Grade 6 Biodiversity
- Grade 7 Interactions in the Environment
- Grade 8 Water Systems

Web of Life - Aquatic Food Webs

Fall, winter, spring

John Muir wrote, "When you tug at a single thing in nature, you find it attached to the rest of the world." In this program, students trace aquatic food chains and see how interdependent the biotic and abiotic communities are. Students also learn how our everyday actions influence the intricate web of life.



Suitable for grades 2 to 6.

Best curriculum fit:

- Grade 4 Habitats and Communities
- Grade 6 Biodiversity

For other programming suggestions, please contact Camp Kawartha.

Watershed Field Visits:

ORCA Staff will engage students in a field-based education program at a local wetland, conservation area or stream restoration site. Students will be involved in a variety of activities which may include water quality monitoring, tree planting, restoration or site preparation. Sessions will be approximately half day (am or pm) and locations and activities will be determined by grade level, curriculum links and season.

How to make a booking:

Contact Camp Kawartha at (705) 652-3860 or email info@campkawartha.ca to make a booking with your class. Select at least one water stewardship program (see program listing). Contact ORCA (705) 745-5791 ext.224 or email kreid@otonabee.com to make a spring/fall time booking for a watershed field visit.





City of Peterborough



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