



Highlands

Outdoor Education and Science Centre

Let us help meet your curriculum needs!

Highlands Outdoor Education and Science Centre offers a great selection of dynamic, half day programs. Two half-day programs create a full day of experiential learning.

All programs have been cross-referenced to the current Ontario curriculum, covering a range of general and specific expectations from a selection of Science, Geography, History, and Physical Education strands.

Half Day (One Program): \$14.00 per student

Full Day (Two Programs): \$17.00 per student

Teachers and Chaperones for FREE! Pre-Booking required

1. **Aquatic Ecosystems Investigations** (Gr. 9-10) – designed to examine and identify the biotic and abiotic components of an aquatic ecosystem and to determine if these components indicate a healthy ecosystem.
2. **Terrestrial Ecosystems Investigations** (Gr. 9-10) – designed to examine and identify the biotic and abiotic components of a terrestrial ecosystem and to determine if these components indicate a healthy ecosystem.
3. **Agricultural Stewardship** (Gr. 9-10) - designed to examine and identify the biotic and abiotic components of an on-site working, mixed farm, including comparing organic and inorganic farming to untouched, pristine sections of land on the Niagara Escarpment.
4. **Sustainable Energy Sources** (Gr. 9-10) – to examine the commercial application for energy conservation – featuring a water-powered generator, solar powered hot water, use of farm windmill, and solar panels. (Being developed)
5. **Compass Orienteering** (Gr. 9-12) – Students will learn the basic design and parts of the compass. Then will use a compass to plot a short, basic four point course. This course will then be mapped and shared with another group. Increasingly longer and more complex courses will be plotted and mapped, depending on the level of the students.
6. **Survival on the Niagara Escarpment** (Gr. 9-12) – Students will play a role in the food chain as it may occur on the Niagara Escarpment. Our version of the survival game shows the interdependence of all organisms within a local forest community. It examines food chains, food webs, and shows the concept of energy flow within an ecosystem. Students will experience both the struggle all organisms on the escarpment must go through, and the impact humans can have on wildlife populations, food chains, and ecosystems.
7. **Forest Management** (Gr. 9) – In a great location, packed with both deciduous and coniferous trees, students will gain greater understanding of what sustainable forest management means. Students will participate in a variety of forestry activities including measuring trees, evaluating silviculture methods, examining the structure of forests, determining factors that contribute to forest health.

Please see website @ www.highlandsnordic.ca for more details.

Skilled interpretative Staff – Learning Centre

Washrooms and Eating Areas – Cold and Warm Drinks Available for Purchase

All Terrain Motorized Vehicle on Site for Special Transportation Needs



Pre-Booking required
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