



SPARKING
ENVIRONMENTAL
ACTION THROUGH
OUTDOOR
EDUCATION,
CITIZEN
SCIENCE AND
STEWARDSHIP

ECOSPARK

WHAT WE DO

EcoSpark's mission is to **empower communities** to take an active role in **protecting and sustaining local environments**. We do this by equipping students, teachers, and volunteers with the tools and skills to conduct environmental monitoring. **Participants witness first-hand** how healthier ecosystems provide clean air, fresh water, and support to all life. We believe that **each of us can have a positive impact** on the natural world we share. Since 1996, we have engaged over **90,000** youth and adults in monitoring and supporting environmental health in **31 watersheds** across southern Ontario.

ECOSPARK PROVIDES:

- » Engaging **outdoor education** for groups of up to 30 youth or adults
- » **Scientific equipment** for use during the study
- » **Tech training** for **nature apps and digital mapping tools** to support conservation and awareness
- » Publication of results on **interactive online maps** used by scientists and communities
- » Activities to support **biodiversity, climate resiliency, and healthy ecosystems**
- » The opportunity to **get outside and connect with nature** through citizen science monitoring and data collection

“My students had an excellent day and learned much from EcoSpark. The reflection papers they wrote back in class are rich and deep in ecosystem understanding thanks to the staff.”

David Spencer, Teacher,
Peel Alternative School North



SCHOOL WATCH

Students learn terrestrial environmental monitoring right outside the classroom in any season.



CHANGING CURRENTS

Students learn aquatic environmental monitoring at their local stream in the spring or fall.

BIODIVERSITY OR TREE BENEFITS HALF-DAY WORKSHOP

Participants conduct environmental monitoring and submit findings to public research databases and our GeoHub. With our Digital Mapping option they visualize the data and conduct spatial analysis using interactive GIS tools. We also offer GIS SHSM workshops.

STREAM HEALTH HALF-DAY WORKSHOP

Students collect water quality data from a local stream. They learn to analyze biological, chemical, and physical metrics and interpret their results for local water quality. We also offer Changing Currents SHSM workshops.

WE PROVIDE:

- » Programs for **students grades 6-12** on their school grounds or local greenspace
- » **School Board approved** outdoor environmental education to support conservation
- » **Curriculum connections** to Science, Geography, STEM and more
- » **Skilled staff** to lead in-field environmental monitoring of local greenspace
- » **Teacher training** on how to conduct citizen science projects, resources and lesson plans



GREENBELT YOUTH AMBASSADORS

Youth volunteers ages 15-30 learn about Ontario's vital Greenbelt and work together to protect it.

DISCOVER:

- » **Educational resources** to understand the landscape and the policies that protect Ontario's Greenbelt
- » **Youth-specific opportunities** to become stewards and champions of the landscape
- » Recommendations and support for **youth-led advocacy initiatives**
- » Opportunities to **visit and celebrate the land, water, and communities** in the Greenbelt
- » A network of **like-minded supporters, advocates, and activists**



COMMUNITY ENGAGEMENT

Volunteer groups learn environmental monitoring in a local park or greenspace.

DISCOVER:

- » Let EcoSpark lead your group (community, youth, or corporate) in **fun workshops** that will change the way they see the natural world
- » Using **citizen science tools and projects**, we turn participants into scientists and bring local parks and greenspaces to life

All our programs are flexible, to suit your needs. Contact us now to find out more!



FOR MORE INFORMATION

Call

647-258-3280

E-mail

info@ecospark.ca

Visit

www.ecospark.ca

EcoSpark

Artscape Wychwood Barns

601 Christie St, Suite 174

Toronto, ON M6G 4C7

EcoSpark gives people the tools and knowledge to create positive environmental change. To make a donation, visit ecospark.ca/donate or call **647-258-3280 x 2005**.

Charitable Registration Number
86505 8721 RR0001



EcoSparkEnv



@EcoSpark_Env



[ecospark_env](https://www.instagram.com/ecospark_env)



[EcoSparkEnv](https://www.youtube.com/EcoSparkEnv)