

Biosphere

Environment Museum

2012-2013

EDUCATIONAL PROGRAM



Free environmental education and training activities for official-language minority communities



> Offer your students stimulating and educational experiences by participating in the Biosphere's activities!

This program for official-language minority communities offers free educational activities adapted to the needs and interests of high school students and teachers across Canada. These activities link the worlds of science and technology, and explore environmental themes such as water, climate change, responsible consumption, energy and biodiversity.

The Government of Canada is committed to encouraging linguistic duality among all Canadians. Its goal is to support the cultural vitality of communities by emphasizing the value of increased knowledge of both the English and French languages. In line with this approach, the Biosphere environment museum subscribes to government objectives of improving access to services for official-language minority communities, notably young people.

ABOUT THE BIOSPHERE

Architectural symbol of Expo 67, the Biosphere is a unique structure, located in the heart of Montréal in Parc Jean-Drapeau. As the only environment museum in North America, the Biosphere's mandate is to encourage citizens to take action and get involved in environmental issues. In addition to its general public programming and special events, the Biosphere is a recognized clearinghouse for environmental information.



THE BIOSPHERE AT YOUR SCHOOL

The Biosphere offers, all across Canada, four free thematic presentations by videoconference. Conferences at school are also offered to schools in some regions of Quebec, New Brunswick, Nova Scotia and Ontario.

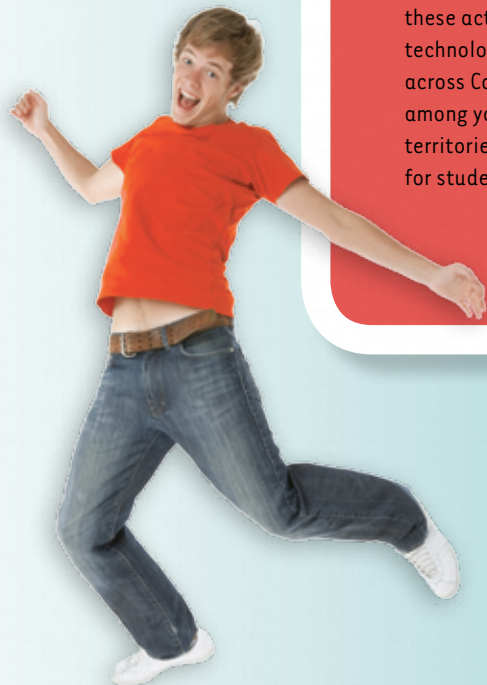
Videoconferences

Offered to high school students from coast to coast, these activities link the worlds of science and technology. It is possible to connect several schools across Canada at the same time to encourage discussion among young people from various cities, provinces or territories. These 60-minute presentations are intended for students aged 12 and up in groups of 10 or more.



Technical requirements for videoconferences

- Videoconference equipment (Tandberg or Polycom). Skype, NetMeeting and MSN IM are not accepted.
- High-speed Internet.



THE BIOSPHERE AT YOUR SCHOOL



continued ...



Conferences at School

This year, conferences at school are being offered to schools in some regions of Quebec, New Brunswick, Nova Scotia and Ontario. These 60-minute presentations are intended for students aged 12 and up in groups of 90 or more.

Québec/Trois-Rivières/Sherbrooke
Ottawa/Gatineau
Toronto/Hamilton
Toronto/Hamilton
Fredericton/Moncton
Halifax

October 2012
November 2012
November 2012
February 2013
March 2013
April 2013



Technical requirements for conferences at school

- A PC computer with Windows and PowerPoint 2003 (or more recent).
- Projector and microphone.





A CHANGE IN THE AIR fosters discussion with an expert facilitator about the very latest scientific information on climate change, its impacts on the environment and what we can do about it.

Theme: Climate change



ONE WORLD ONE PLANET! sheds light on our consumption and its impacts, examining the life cycle of products and our ecological footprint. With an expert facilitator, students develop a critical mindset with respect to consumption and learn to reduce its effects on our planetary ecosystem.

Theme: Responsible consumption



DROP BY DROP helps students understand water's cycles and the importance of protecting it. Students discuss with an expert facilitator the impacts of human activities on water and the actions they can take to limit those impacts.

Theme: Water



VARIETY IS THE SPICE OF LIFE! helps students understand the importance of biodiversity and the pressures we exert on the natural environment. With an expert facilitator, students discuss biodiversity and how to preserve it.

Theme: Biodiversity

Information and Reservations
By telephone:
1-866-487-8282 (toll-free)
By email:
edl-edc.biosphere@ec.gc.ca

BIOKITS



Take the time to listen to, feel, touch and observe your surroundings using BioKits!

Want to get moving and set off on an adventure? Wherever you are, out in nature or in the city, the Biosphere offers you entertaining ways of exploring Canada's rich biodiversity.

Choose from a family of BioKits and explore biodiversity in urban areas, the Canadian wilderness as well as the Trans Canada Trail.

Their purpose is to engage you in learning about the value of local natural areas and biodiversity and to empower you to help protect these areas.

The following BioKits are now available: Nature, Urban, Trans Canada Trail, Montréal, Halifax, Sutton, Vancouver, Edmonton and, in the fall, Ottawa.



NATURE
BioKit



URBAN
BioKit

To download PDF versions,
or for further information, please visit
www.ec.gc.ca/biotrousses-biokits



RESOURCES FOR TEACHERS

➤ Other free educational resources and supporting resources for teachers are available on the Biosphere and Environment Canada websites.

AGES

CLEAN AIR / CLIMATE CHANGE

A Change in the Air: videoconferences and conferences at school - *Supplementary resources*

NATURE / WILDLIFE

Variety is the Spice of Life!: videoconferences and conferences at school - *Supplementary resources*

Urban BioKit - *Supplementary resources*

Nature BioKit - *Supplementary resources*

WEATHER

Sky Watchers - *Program*

WATER

Adopt a River - *Program*

Every Drop Counts - *Supplementary resources*

Drop by Drop: videoconferences and conferences at school - *Supplementary resources*

Explore Water with Holly Heron - *Supplementary resources*

Water and Canada: Preserving a Legacy for People and the Environment - *Supplementary resources*

Water Use Calculator - *Supplementary resources*

Geocache Your Watershed - *Program*

POLLUTION PREVENTION

One World, One Planet!: videoconferences and conferences at school - *Supplementary resources*

	5-8	9-12	13-15	16-18
A Change in the Air: videoconferences and conferences at school - <i>Supplementary resources</i>			●	●
Variety is the Spice of Life!: videoconferences and conferences at school - <i>Supplementary resources</i>			●	●
Urban BioKit - <i>Supplementary resources</i>	●	●		
Nature BioKit - <i>Supplementary resources</i>	●	●		
Sky Watchers - <i>Program</i>		●	●	
Adopt a River - <i>Program</i>		●	●	
Every Drop Counts - <i>Supplementary resources</i>			●	●
Drop by Drop: videoconferences and conferences at school - <i>Supplementary resources</i>			●	●
Explore Water with Holly Heron - <i>Supplementary resources</i>	●		●	●
Water and Canada: Preserving a Legacy for People and the Environment - <i>Supplementary resources</i>			●	●
Water Use Calculator - <i>Supplementary resources</i>			●	●
Geocache Your Watershed - <i>Program</i>			●	●
One World, One Planet!: videoconferences and conferences at school - <i>Supplementary resources</i>			●	●

CONTACT US

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