

## "ARCTIC ACROBATS - Arc-en-ciel: Circumpolar Sustainability Education"

The International Holistic Tourism Education Centre's programs are for schools in the Circumpolar Regions, as part of the "United Nations Decade for A Culture of Peace and Non-Violence for the Children of the World" (UNESCO). Arctic Acrobats was launched at the Circumpolar Climate Change Summit, held in Whitehorse, Yukon, Canada on March 18th-21st, 2001

IHTEC is dedicated to developing peacebuilding programs that educate young people through "A Culture of Peace through Tourism".

IHTEC has Charitable Status No. 88676 0099 RR0001; Registration No. 1188591.

### \* AIMS

- To build virtual links between schools in Canada & Russia and other Circumpolar countries.
- To establish pilot projects between Northern Aboriginal peoples in Canada in Russia.
- To create awareness reports.
- Communicate the results in an artistic format, to share with your twinned school.

### \* STUDY AREA:

Circumpolar region, north of 60° N. This includes Canada, Denmark, Finland, Iceland, Norway, the Russia Federation, Sweden, and the United States of America.

### \* HOW DO YOU GET STARTED?

Contact IHTEC [www.ihtec.on.ca](http://www.ihtec.on.ca) who will link your school with another school in a Circumpolar country.

### \* STUDY THE INTER-RELATIONSHIPS:

- The grasshopper effect from the soil, to air to the food chain of PCBs; the atmospheric emissions from aircraft, and space vehicles; and their relationship to ecosystem health.
- The polluted atmosphere and its effect on the ozone.
- The relationship between the air currents and ocean currents.
- The relationship between ocean currents and oceanic pollution.
- An understanding why the ocean currents are changing direction and the short and long term effect on the polar icecap;
- The relationship between the melting ice from Greenland and from glaciers on other land masses, and the expected sea level rise.

\* WRITE AN ORIGINAL REPORT of your research. This to be shared with others.

### \* RECORD THE PROCESS:

Make your outcomes available for sharing with others. We suggest the following:

- Several groups of students study the inter-relationships.
- Identify the overlapping areas where the studies meet.
- Write a report of the results.
- Share results via email, video or school visits with your twinned school.
- Create a folder with art, photos of the research.
- Identify your community's involvement in the process and solutions.
- Develop a Promotional Brochure.
- Build Display / Story Boards for shows.
- Create a web site, that can be linked to the IHTEC site.



By Meredith and Kathleen Moore. Aged 12  
POSTER AVAILABLE TO SCHOOLS

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## GOLD SUPPORTERS:

Valerie Rampone; David Webster; Gail Wallace.

### IHTEC'S OTHER PROGRAMS:

- \* International School Peace Gardens
- \* Watershed Peace Pathways
- \* Marine Peace Parks
- \* Creature Corridors
- \* Burundi & Rwanda School Twinning
- \* SUNRAYS - Valuing Heritage Sites in the Middle East.

### Web Links for study:

- Virtual Buckminster Fuller site.  
[www.cruzio.com/~joemoore/](http://www.cruzio.com/~joemoore/)
- Experimental Aircraft Association  
[www.eaa.org](http://www.eaa.org)
- NASA Dryden Flight Research Centre  
<http://www.dfr.nasa.gov>
- Experimental Aircraft  
[www.exp-aircraft.com/links.html](http://www.exp-aircraft.com/links.html)
- Global Environment Facility [www.gefweb.org](http://www.gefweb.org)
- Canada Well-Being Measurement Act - Bill C-469  
[cyberus.ca/choose.sustain/index5.html](http://cyberus.ca/choose.sustain/index5.html)
- "7<sup>th</sup> Generation Initiative"  
[www.cyberus.ca/choose.sustain/index7.html](http://www.cyberus.ca/choose.sustain/index7.html)
- Arctic Council [www.nrc.ca/arctic/](http://www.nrc.ca/arctic/)  
and [www.arctic-council.usgs.gov](http://www.arctic-council.usgs.gov)
- Arctic Monitoring and Assessment Program (AMAP) <http://www.grida.no/amap/amap.htm>
- Ocean Strategy [www.ncr.dfo.ca](http://www.ncr.dfo.ca)  
Ocean [www.oceanscanada.com](http://www.oceanscanada.com)

- Protection of the Arctic Marine Environment  
<http://arctic-council.usgs.gov/pame.html>
- Russian Federation [www.kiae.su/www/wtr/](http://www.kiae.su/www/wtr/)  
and [www.ru/Government/Politics](http://www.ru/Government/Politics)

### Web Links for teachers:

- Circumpolar Climate Change Summit  
[www.taiga.net/nce/circumpolar](http://www.taiga.net/nce/circumpolar)
- Environment Canada  
[www.toolsofchange.com](http://www.toolsofchange.com)  
[www.climatechange.gc.ca](http://www.climatechange.gc.ca)
- Globe Program  
[www.globe.gov](http://www.globe.gov)
- Sustainable Communities  
[www.earthfuture.com](http://www.earthfuture.com)
- Finnish Global Change Research FIGARE <http://figare.utu.fi>
- ECO-Accord Moscow Russia  
[www.ecoaccord.cis.lead.org](http://www.ecoaccord.cis.lead.org)

Hold discussions with our team join  
[arcticacrobats-subscribe@yahoogroups.com](mailto:arcticacrobats-subscribe@yahoogroups.com)

Register your projects on  
"The Future of Children & Youth of the Arctic at:  
[www.arctic\\_council.org](http://www.arctic_council.org)

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Website: [www.ihtec.on.ca](http://www.ihtec.on.ca)

## "Arctic Acrobats"

*Linking Circumpolar Schools through  
Sustainability Education.*

*"CULTURE OF PEACE THROUGH TOURISM"*



Artwork by Meredith Moore. Aged 11 years

**International Holistic Tourism Education Centre**  
Le centre international d' éducation holistique du tourisme

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