

WHAT'S THE IMPACT? RESEARCH AND TOURISM IN ANTARCTICA

RESEARCH AND TOURISM IN ANTARCTICA

Research Operations Group

Assign each member of the group a question to ask.

1. Find and list all research operations currently in progress in Antarctica.
 - Which countries are represented?
 - How many researchers are there?
 - When is research conducted in Antarctica?
2. List the nature of the research being conducted
3. Using email, interview a local scientist who has conducted research in Antarctica, or read about an Antarctic researcher online. Try to find the following:
 - What is a day in the life of a researcher like?
 - How are biological wastes disposed of?
 - How is research waste disposed?
 - What kinds of vehicles are used for transportation? What is the environmental "footprint" of those vehicles.
4. Try to find a blog from a researcher in Antarctica. Read excerpts to the class.
5. Produce a poster that outlines your findings.
6. Present your findings to the entire class when finished.

Resources:

The Online NewsHour: Profiles in Science

http://www.pbs.org/newshour/indepth_coverage/science/poles/profiles/index.html

Slide Show: Dry Valley Organisms

http://www.pbs.org/newshour/indepth_coverage/science/poles/slideshow_audio/index_flash.html

The Online NewsHour: Polar Discoveries

http://www.pbs.org/newshour/indepth_coverage/science/poles/index.html

More links to Antarctica resources:

<http://www.southpolestation.com/links.html>

<http://terraweb.wr.usgs.gov/projects/Antarctica/>

<http://www.antarctic-circle.org/website.htm>

<http://www.antarcticconnection.com/antarctic/sitelinks/index.shtml>

<http://www.ssec.wisc.edu/~beckys/antpg.html>

<http://www.stemnet.nf.ca/CITE/antarctica.htm>

<http://www.teachercenter.org/antarc.html>

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Tourism Group

1. Research several travel agencies that specialize in trips to Antarctica.
2. Using email or information from travel agent Web sites; find the following:
 - Cost
 - Length of trip
 - Itinerary
 - Special Training
 - Travel attire
 - Food
 - Transportation methods
 - Capacity of trip and number of people taken yearly
 - Emergency rescue options
3. Produce a poster comparing the travel packages.
4. Try to find a blog from a traveler that has recently returned from Antarctica. Read excerpts to the class.
5. Present your findings to the entire class when finished.

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