

WHAT'S THE IMPACT? RESEARCH AND TOURISM IN ANTARCTICA

SNAPSHOT OF ANTARCTICA

Plants Team

- Research and list information about the types of plants found in Antarctica.
- Explain how plants survived the harsh conditions.
- Make a food chain or food web that includes at least one of your plants
- Sketch or find pictures of the plants

Animals Team

- Research and list information about animals that live in Antarctica.
- Explain animal adaptations that allow for survival.
- Sketch or find pictures of the animals
- Make a food chain or food web that includes at least one of your animals.

Climate/Weather Team

- Research climate and in Antarctica
- Use charts and graphs to show climate change over time in Antarctica.
- Uses statistics to show average temperatures throughout the year.
- Location information about how weather stations in Antarctica operate.
- Prepare a 5-day weather forecast. Include hours of sunlight.

Environmental Threat Assessment Team

- Research environmental threats to Antarctica.
- Show pictures of environmental damage that has occurred.
- Research the threat of climate change to Antarctica
- Show pictures of changes in ice/glacier formations

RESOURCES:

The Online NewsHour: Polar Discoveries

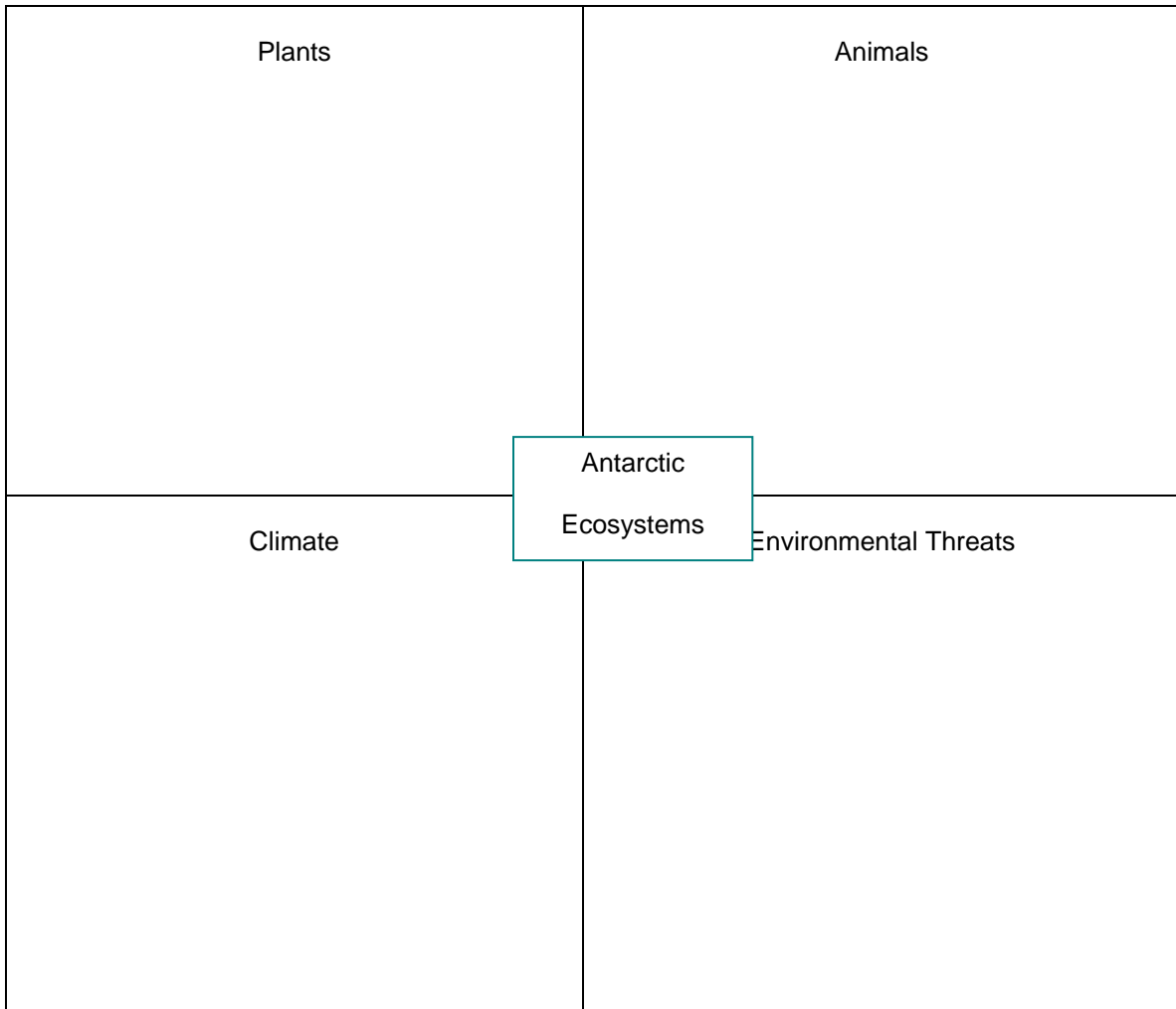
http://www.pbs.org/newshour/indepth_coverage/science/poles/index.html

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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ANTARCTIC ECOSYSTEMS ORGANIZER



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SNAPSHOT OF ANTARCTICA - RUBRIC

CATEGORY	4	3	2	1
Required Elements	The poster/PowerPoint includes all required elements as well as additional information.	All required elements are included on the poster/PowerPoint.	All but 1 of the required elements is included on the poster/PowerPoint.	Several required elements were missing.
Content - Accuracy	At least 7 accurate facts are displayed on the poster/PowerPoint	5-6 accurate facts are displayed on the poster/PowerPoint	3-4 accurate facts are displayed on the poster/PowerPoint	Less than 3 accurate facts are displayed on the poster/PowerPoint
Graphics - Clarity	Graphics are all in focus and the content easily viewed and identified from 6 ft. away.	Most graphics are in focus and the content easily viewed and identified from 6 ft. away.	Most graphics are in focus and the content is easily viewed and identified from 4 ft. away.	Many graphics are not clear or are too small.
Attractiveness	The poster/PowerPoint is exceptionally attractive in terms of design, layout, and neatness.	The poster/PowerPoint is attractive in terms of design, layout and neatness.	The poster/PowerPoint is acceptably attractive though it may be a bit messy.	The poster/PowerPoint is distractingly messy or very poorly designed. It is not attractive.
Mechanics	Capitalization and punctuation are correct throughout the poster/PowerPoint.	There is 1 error in capitalization or punctuation.	There are 2 errors in capitalization or punctuation.	There are more than 2 errors in capitalization or punctuation