

NAME: _____



Location - Territories



One country or another has always claimed parts of Antarctica as their own, as explorers from those countries visited the icy, cold continent. However, the international community has never officially recognized any of these territories or claims.

Research the various TERRITORIAL CLAIMS by countries from around the world.

Create Antarctica Territorial Claims cards like the one below:

Antarctica Territorial Claims	
Country: _____	Flag: <input type="text"/>
Area Claimed: _____	
Why it has been claimed: _____ _____	
Research Stations: _____	
Occupied: YES NO	
Other Information: _____ _____	

Make at least five cards. Share and compare your cards with your class. You may wish to create a bulletin board display by placing the cards around a map of Antarctica, and connecting the card to the area claimed.

NAME: _____



Place – North Pole VS South Pole: What's the Difference?

We all know that the Earth has a North Pole and a South Pole. Most people assume that both are very much the same. What do you think?

Part 1

List all that you know or think you know about the Earth's two polar regions.

North Pole

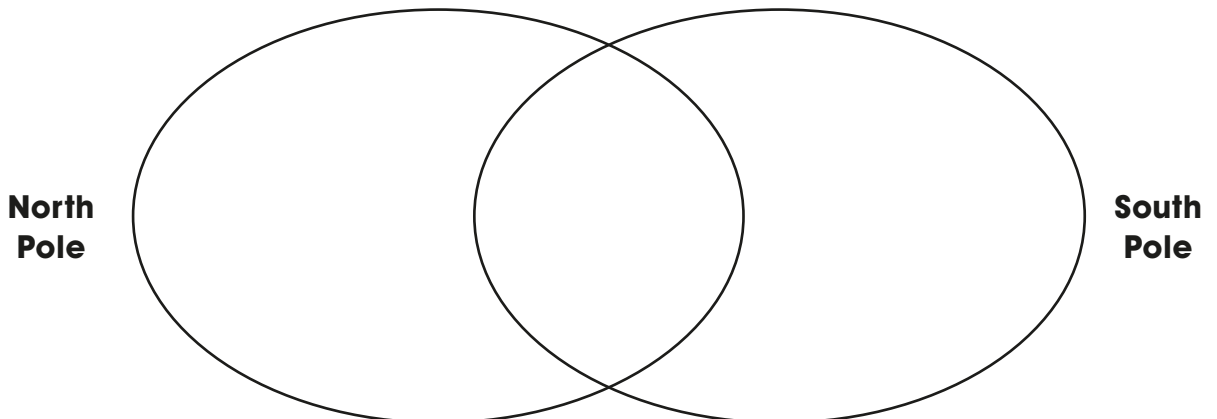
South Pole

Part 2

Research the two poles. Add any new information that you find to your lists. Write the new information you learn in a different color than your original facts. Cross out any information that is inaccurate in your original lists.

Part 3

List all of the information you have collected in a Venn diagram like the one below. Compare the two poles to find similarities and differences.



NAME: _____



Regions – Wildlife Research

Even though it is a cold, uninhabited place, Antarctica has a unique collection of creatures and plants living on the ice, the land, and in the seas surrounding it. Most people are familiar with penguins, whales, and seals, but there are many other fascinating creatures living in Antarctica.

Research FOUR different living creatures and plants of your choice that live on and around Antarctica. Complete an organizer like the one below to help you collect your facts.

Species:
Description:
Food:
Habitat:
Habits:

Species:
Description:
Food:
Habitat:
Habits:

Species:
Description:
Food:
Habitat:
Habits:

Species:
Description:
Food:
Habitat:
Habits:

Present your research in a booklet form, as a display on a piece of Bristol board, as a habitat diorama with models, or as a PowerPoint presentation.

NAME: _____



Human/Environment Interactions - Changes over Time

You have read how human actions affect our environment each day. We know that humans sometimes cause the extinction of a species by hunting it until it is gone, or by destroying its natural habitat. Many scientists believe that our actions are causing environmental issues such as global warming and damage to the ozone layer.

Think about the wildlife of Antarctica. While it is far away from most human cities and activities, it is still being greatly affected by our actions. Choose an ANTARCTIC SPECIES (i.e., blue whale, penguin, fur seal, etc.) and research its development over time. Ask this main question: Are our actions affecting it?

Use the organizer below to collect your important facts. When you are finished collecting your facts, **write a paragraph** for each of the areas you research, comparing the species in the past to where is at present, and discussing any changes you find. Present your facts in a booklet, as a chart, or a PowerPoint presentation.

PAST	Number	PRESENT
	Habitat	

Continue this chart looking at **size, health and defects, food supply, and reproduction (number of babies)**. Also look for things that people are doing to help the species.

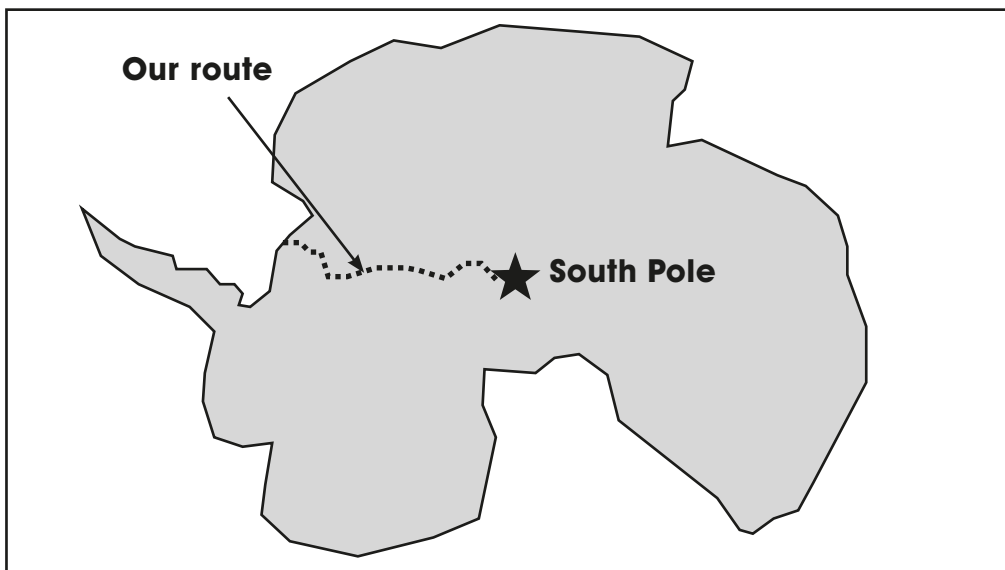
NAME: _____



Movement - Planning an Expedition

Pretend you are an Adventure Expedition Tour Guide who is planning an expedition to Antarctica and the South Pole. It will be a dangerous journey!

On a blank map of Antarctica, draw your chosen route. Here is an example of how it might look, although this is not an accurate drawing.



Think and Answer:

- How will you get there?
- How will you communicate with others?
- Which supplies must you bring?
- What kind of equipment will you need?
- Will your adventurers need any special training before traveling?
- Which special sites will you see or visit?
- What accommodations will you have?
- What kind of physical features will you pass through?

Create a TRAVEL LOG or DIARY for your imaginary journey. Use your answers to these questions as your entries in your log or diary. Illustrate your log or diary. Share it with your class. Happy travels!

NAME: _____



Antarctica – Tales of Exploration



Visit your school library and ask your librarian to help you find **STORIES** about explorers who braved cold, ice, hunger, and disease to find out about the coldest continent on Earth. Their stories are often tragic and sad, but they are always exciting and adventurous!

Complete a brief **BOOK SUMMARY** for each book or article you read by completing an organizer like the one below. Use one organizer for each book or article.

<p>Story Title & Author</p>	<p>Explorer</p>
<p>Details of the Adventures (Tragedy, Success, or Disappointment?)</p>	<p>Date of the Expedition(s)</p>