

1. Name two or more animals that live in Antarctica.
2. What oceans(s) surround Antarctica? (You may use a globe or a map to figure this out!)
Challenge: Name the world's oceans.
3. Locate the South Pole and put your finger on it.
Challenge: If you are at the South Pole, which direction would you head in to find South America? How about New Zealand?
4. What 2 countries are closest to Antarctica?
Challenge: What continents are those countries a part of?
5. What is a map?
Challenge: What different types of maps are there and how are they used?
6. What is an ocean?
Challenge: What is the difference between a lake and an ocean?
7. These countries are the world's five largest in land area. Use a map to help you order them from largest to smallest: Brazil, China, the United States, Russia and Canada.
Challenge: Put these countries in order by population.
Which is bigger: Antarctica or Africa? (Hint: look on a map or globe!)
8. What is the difference between a map and a globe?
Challenge: Why is the 180 degree of longitude on both the east and the west side of the map?
9. What happens in the atmosphere that causes global warming?
Challenge: What do humans do that increases the buildup of these materials in the atmosphere?
10. What is a glacier made out of?
11. Can you think of any other words that sound like glacier?
12. Look at weatherunderground.com and see what today's temperature is in McMurdo Station, Antarctica. How cold is it in your city? How much colder is it in McMurdo?
13. If you were to choose a color for a parka (or heavy jacket) what color would you choose? Why?
14. At what temperature does water freeze to ice?

15. At one time, people hunted whales in Antarctic waters. A whaling station opened on South Georgia Island in 1904. It closed in 1965. How long was it open?
16. What do you think whales were hunted for?
17. Geology is one of the scientific areas that is studied in Antarctica. Can you think of other words that begin with “geo”?
18. Can you think of other words or place that begin with “Ant”? What do you think the prefix “ant” means?
19. Researchers traveling to Antarctica are only allowed to bring 75 pounds of clothing, equipment, and supplies to Antarctica. What would you take if you only had 75 pounds?
20. If you were out in the cold for many weeks, what foods do you think you would feel like eating?
21. There is an ozone hole over Antarctica. What is an ozone hole and why is it dangerous?
22. Why do you think it might be dangerous to go to sleep in a tent with a stove lit?
23. Which is colder, 20 degrees or 100 degrees? How cold do you think it is outside today?
24. What would be the best way to get to Antarctica? Bicycle? Boat? Car? Helicopter? Airplane? Why?
25. What do you think would be the hardest part of living in Antarctica? The best part?