

1. Name two or more animals that live in Antarctica.
2. Locate the South Pole and put your finger on it.
3. . What is a map?
4. What is an ocean filled with?  
Challenge: What is the difference between a lake and an ocean?
5. Which is bigger: Antarctica or Africa? (Hint: look on a map or globe!)
6. . What is the difference between a map and a globe?
7. What is a glacier made out of?
8. Can you think of any other words that sound like glacier?
9. Look at [weatherunderground.com](http://weatherunderground.com) and see what today's temperature is in McMurdo Station, Antarctica. Is that warmer or colder than it is in Ann Arbor?  
If you were to choose a color for a parka (or heavy jacket) what color would you choose?  
Why?
10. At what temperature does water freeze to ice?
11. What are four words you would use to describe penguins?
12. What are four words you would use to describe ice?
13. What happens to an ice cube if you leave it out on your desk? What do you think would happen to the ice in Antarctica if the climate warmed up?
14. How do you think the world would look different if all of the ice in the world melted?
15. What do you think would happen to a Penguin from Antarctica if we brought it to Ann Arbor and put it in our classroom?
16. Penguins spend much of their lives in the ocean. Why?
17. If a scientist has two cups of coffee at breakfast, one cup of coffee at lunch, and one cup of coffee at dinner, how many cups of coffee has that scientist had in the whole day?
18. 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?
19. What do you think whales were hunted for?

20. Geology is one of the scientific areas that is studied in Antarctica. Can you think of other words that begin with “geo”?
21. If you were out in the cold for many weeks, what foods do you think you would feel like eating?
22. Can you think of other words or place that begin with “Ant”? What do you think the prefix “ant” means?
23. 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?
24. Can you drive to Antarctica? Why or why not?
25. Which is colder: 20 degrees or 100 degrees? How cold do you think it is outside today?