**Amazing Planet – Glaciers (32:05 – 40:00)** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is a glacier?
2. Explain how glaciers are a time capsule?
3. Approximately how much of the world’s surface is in glacial ice? How much of the world’s fresh water?
4. List the places where glaciers are located.
5. How fast do glaciers move?
6. What is a cirque?
7. What is a valley glacier?
8. What is a piedmont glacier?
9. What is an erratic?
10. Explain how glaciers shaped the Scablands of the Pacific north-west.
11. How thick do scientists think the ice sheets were when they covered the whole planet?
12. How did that ice age end?
13. What has happened to the Muir Glacier between 1899 and 2003? What is this a sign of?
14. How high could sea levels rise if the entire Greenland Ice sheet melts?