

Name _____

How Scientists Measure Earth's Past Climate Thousands of Years Ago

Multiple Choice Questions

1. What is trapped in ice cores that helps scientists learn about past climates?
 - A. Air bubbles
 - B. Fossils
 - C. Tree seeds
 - D. Rocks

2. How do tree rings show climate changes?
 - A. By changing color each year
 - B. By showing animal tracks
 - C. By growing thicker in warm, wet years
 - D. By falling off in cold weather

3. What do sediment layers at the bottom of lakes often contain?
 - A. Ice
 - B. Air bubbles
 - C. Tree roots
 - D. Pollen

4. What do fossils of warm-weather animals tell scientists?
 - A. The area used to be cold
 - B. The area was once warm
 - C. The tree rings are thick
 - D. The animals lived in trees

5. Why is it helpful to know about Earth's past climate?
 - A. To find more dinosaurs
 - B. To predict the weather tomorrow
 - C. To understand how the climate may change in the future
 - D. To grow taller trees

