



Drag the correct word from the list to complete the sentence.

atmosphere

fossil

- e) Sediment that settles out of water, wind, or ice, and comes to rest on Earth's surface is called a deposit.
- f) The Arctic is the region around Earth's North Pole.
- g) A _____ is the remains or imprint in rock of a once-living thing.
- h) The layer of air surrounding Earth's surface is called the _____.



What is the climate like where you live? Is it cold in the winter and warm in the summer? Is it hot and dry in the summer and wet in the winter? Maybe it is warm and humid most of the year. **Climate** describes the general pattern of weather in an area over many years. Earth's climate describes the average temperature and weather conditions over the whole planet. Earth's climate changes over long periods of time.



continue reading 

How do scientists learn about Earth's past climate?

(Click on an image to enlarge it)



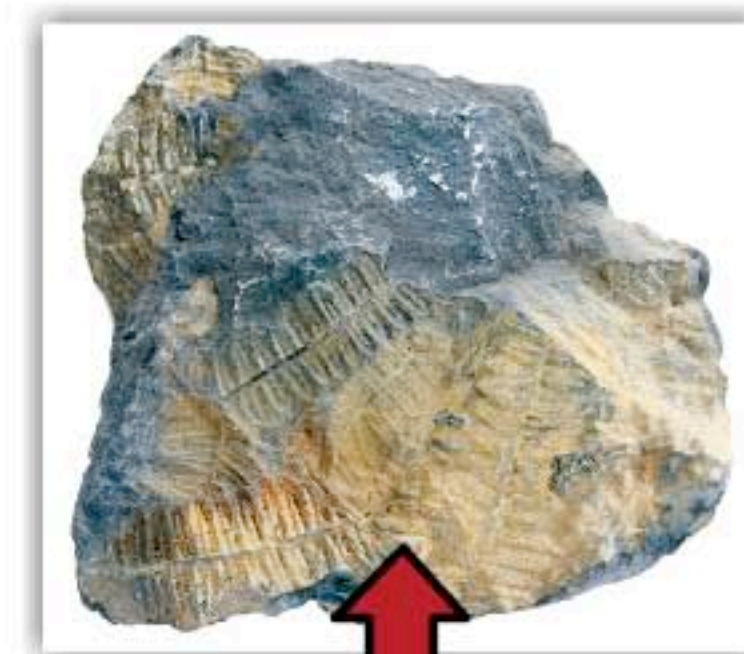
Glacial Deposits

Rock formations left behind by glaciers moving across the Earth's surface



Ice Cores

Trapped air bubbles in the Arctic snow contain gases and particles from the atmosphere



(object)

(description)

1. Match the **OBJECTS** scientists study to learn about Earth's past climate with their images.

Fossils

2. Match a **DESCRIPTION** of how scientists learn about Earth's past climate with the objects they use.

The remains of once living things reveal the changing climate of a location