

1. What significant piece of evidence that was used in the 1800s to suggest Earth is very old?

Fossils of ancient sea life on dry land far from oceans, the many layers of rock and indications of volcano eruptions, earthquakes and erosion what happened long time ago are evidence shown that Earth is very old.

2. Relative to the length of time life has been on Earth, have modern humans appeared recently or in the distant past?

The modern human appeared recently according to the Earth time length

3. What type of geological events help define geological time scales?

Earthquakes, volcano eruption, major erosion, meteorites hitting earth, the first signs of life forms and mass extinctions are geological events that define the time scale.

4. When did life on Earth begin? What was the first form of life?

Life on earth began 3.4 to 4 billion years ago and the first form of life were dingle-celled organisms similar to bacteria.

5. What was the Cambrian Explosion?

The Cambrian Explosion was an evolutionary burst that caused environmental changes that made the earth's environment more suitable for a wider variety of life forms.