

Younger rocks

Into how many eons is the Earth's history divided?

Rock layers and fossils

rocks contain small, simple fossils

The geologic time scale

In the Phanerozoic eon, which era is the longest?

Four

rocks contain large, more complex fossils as well as small, simple fossils. contain large, more complex fossils as well as small, simple fossils.

Eons

The elements found in rock layers that can tell the absolute age of the events.

Proterozoic

mountains formation, first animals with hard parts, first amphibians, mass extinctions

Paleozoic

The age of Earth that represents the geologic time scale

The Fossil Record

The longest units of geologic time. It is divided into eras.

Major events

divides the history of the Earth into time divisions that are defined by major events or changes on Earth.

4.6 billion years

The correct sequence of units of the geologic timescale, from longest to shortest

The radioactive elements

The boundaries that geologists use to define the divisions in the geologic time scale

Older rocks

The longest EON given in the history of Earth

Eon, Era, Period, Epoch

The shortest units of geologic time.

Epochs

are evidence of events that happened on Earth.