Younger rocks

Rock layers and fossils

The geologic time scale

Four

Eons

Proterozoic

Paleozoic

The Fossil Record

Major events

4.6 billion years

The radioactive elements

Older rocks

Eon, Era, Period, Epoch

Epochs

	Into how many eons is the Earth's history divided?
	rocks contain small, simple fossils
	In the Phanerozoic eon, which era is the longest?
	rocks contain large, more complex fossils as well as small, simple fossils.contain large, more complex fossils as well as small, simple fossils.
	The elements found in rock layers that can tell the absolute age of the events.
	mountains formation, first animals with hard parts, first amphibians, mass extinctions
	The age of Earth that represents the geologic time scale
	The longest units of geologic time. It is divided into eras.
	divides the history of the Earth into time divisions that are defined by major events or changes on Earth.
	The correct sequence of units of the geologic timescale, from longest to shortest
	The boundaries that geologists use to define the divisions in the geologic time scale
	The longest EON given in the history of Earth
	The shortest units of geologic time.
	are evidence of events that happened on Earth.