



Key knowledge

Know that the Earth is made up of different types of rocks

Know how fossils are formed

Know what soil is

Know the difference between igneous, sedimentary and metamorphic rocks

Group together different rocks according to different attributes

Know that some crystals are extremely rare and valuable

Vocabulary

sedimentary

Are formed when sand, mud and pebbles get laid down in layers. Over time, these layers are squashed under more and more layers

metamorphic

When a rock experiences heat and pressure, it becomes a metamorphic rock

igneous

Is formed when magma cools and solidifies. It may do this above or below the Earth's surface

crystals

These are a special kind of solid material where the molecules fit together in a repeating pattern

fossil

A fossil is the preserved remains or traces of a dead organism

soil

Consists of a mix of organic material (decayed plants and animals) and broken bits of rocks and minerals



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Prior Knowledge -