

Science • Rocks



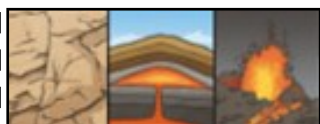
Crucial Knowledge

- There are different types of rock.
- There are different types of soil.
- Soils change over time.
- Different plants grow in different soils.
- Fossils tell us what has happened before.
- Fossils provide evidence.
- Paleontologists use fossils to find out about the past.
- Fossils provide evidence that living things have changed over time.



Key Vocabulary

We are getting better at communicating scientifically



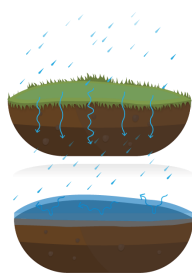
Igneous: Rock that has been formed from magma or lava.



Sedimentary: Rock that has been formed by layers of sediment being pressed down hard and sticking together. You can see layers of sediment in the rock.



Metamorphic: Rock that started out as igneous or sedimentary rock, but changed due to being exposed to extreme heat or pressure.



Permeable: Something that allows liquid to pass through it.



Impermeable: Something that does not allow liquid to pass through it.



Fossil: Remains or traces of plants and animals that lived long ago. Most fossils are found in earth that once lay underwater.



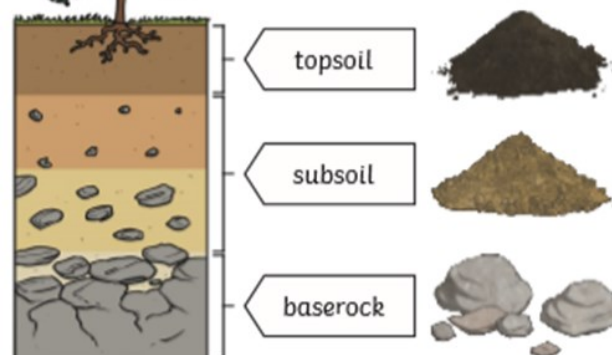
Paleontologist: A scientist who studies fossils.



Diagrams / Images



Layers of Rock



Types of Rock

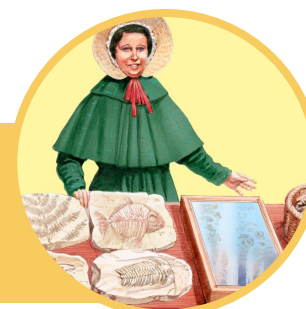
Natural Rocks			Human-Made Rocks
Igneous	Sedimentary	Metamorphic	
Obsidian	Chalk	Marble	Brick
Granite	Sandstone	Quartzite	Concrete
Basalt	Limestone	Slate	Coade Stone



Important People



Katia Krafft was a geologist and volcanologist.



Mary Anning was a fossil collector and paleontologist.

We Are Building Our Knowledge From

- Materials (Y2)

This will help when we learn about

- Evolution and inheritance (Y6)