

Science Knowledge Organiser: Rocks

Subject Specific Vocabulary

Sedimentary	A type of rock made from layers of sediment that built up over time.
Igneous	Rocks that are volcanic and were once molten.
Metamorphic	Igneous or sedimentary rocks that have been squashed or heated.
Fossil	Remains or traces of plants and animals. Most fossils are found in earth that lay underwater.
Organic	Made from things that were once alive.
Permeable	A solid material that allows water to pass through it.
Impermeable	A solid material that does not let water pass through it

Sticky Knowledge

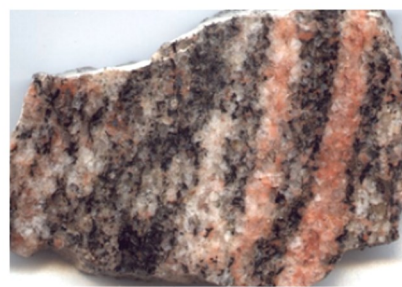
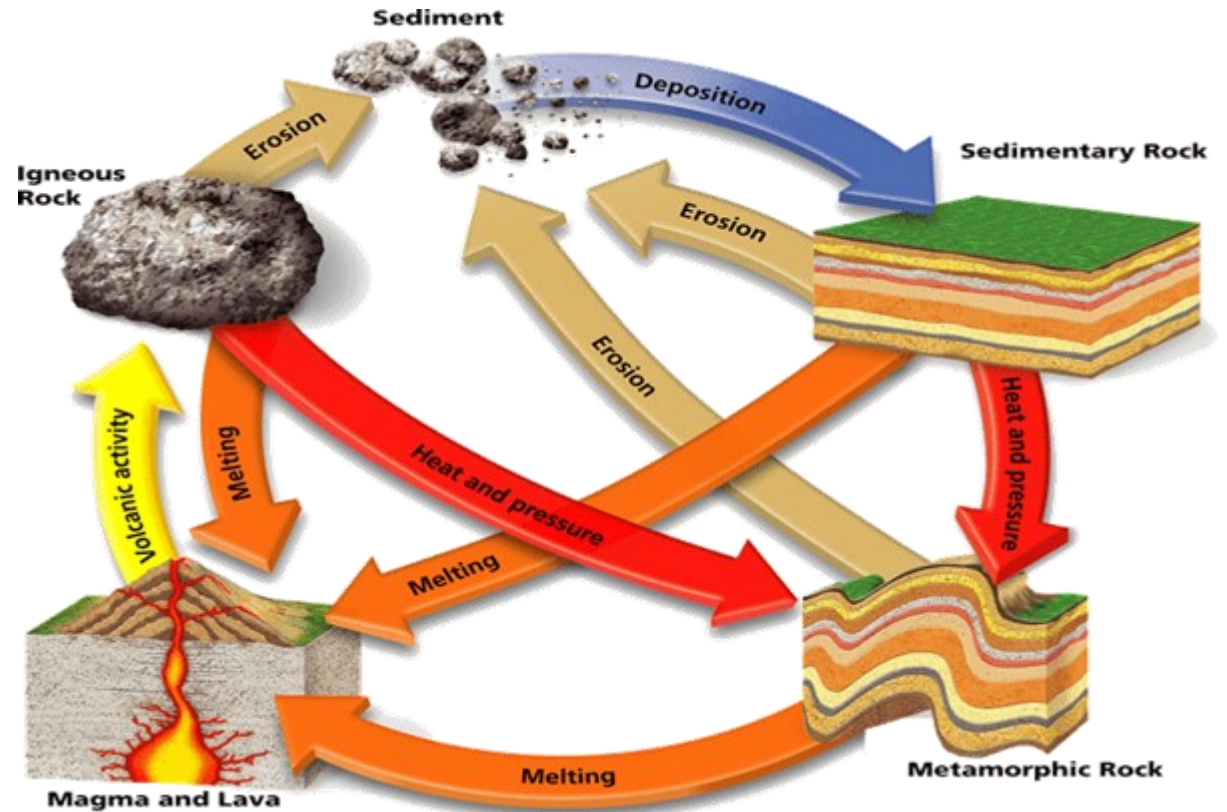
Rock is made of different minerals.

There are about 3000 different types of mineral.

Rocks can be classified as igneous e.g. granite, metamorphic e.g. gneiss, or sedimentary e.g. limestone.

Soil is a mixture of rock and living and dead organic matter.

All rocks are eventually 'recycled' in the Rock Cycle



Gneiss:
a metamorphic rock



Basalt & Obsidian:
igneous rocks



Sandstone:
a sedimentary rock