

New Science Knowledge

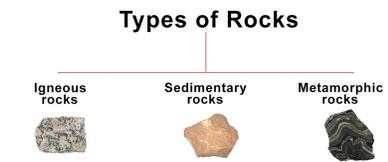
Things you already know

- You know how to describe different materials based on what they look and feel like such as: hard, smooth, rough.
- You know how to identify and compare different materials and their suitability.
- You know how to ask simple questions and understand that they can all be answered differently.

Key Vocabulary

Fossil	Fossils are the remains or traces of plants or animals that lived millions of years ago.
Metamorphic	Metamorphic rocks are formed by intense heat and pressure often found underneath mountains
Sedimentary	Sedimentary rocks are formed when layers of sand, silt, soil and mud are squashed to make a hard rock
Igneous	Igneous rocks are formed by volcanoes. When melting then cooling and going solid again

- You will be able to compare and group together different kinds of rocks on the basis of their appearance and simple physical properties.
- You will be able to describe in simple terms how fossils are formed.
- You will be able to recognise that soils are made from rocks and organic matter.



Science skills you already have

- You know how to ask relevant questions using scientific enquiry.
- You know how to make appropriate predictions based on prior scientific knowledge.
- You know how to record findings and present them in a variety of ways.
- You know how to set up simple and practical fair tests.

New Science Skills

- You will learn how to observe rocks, and explore how and why they may have changed over time.
- You will be able to research and discuss the different kinds of living things that have been fossilised and explore how fossils are formed.

Enrichment Opportunities

- How are fossils formed?



- Can you pass the soil quiz?

