

Science Knowledge Organiser

Rocks (Term 1)

Year 3

Our learning

In our science lessons this term we will be learning about rocks. This forms part of the **chemistry** aspect of science. We will consider the **similarities and differences** between different types of rocks and classify them.



marble

sandstone



Information

Rock exists below the surface of the Earth.

Different rocks and soils have different properties and appearances. Soil is formed as rocks break down over time.

There are three main types of rock : sedimentary, igneous and metamorphic.

Sandstone is an example of a sedimentary rock.

Granite is an example of an igneous rock.

Marble is an example of a metamorphic rock.

Fossils are formed when things that have lived are trapped within rock.

As a scientist I will...

- Record my findings using scientific language.
- Draw a simple conclusion based on my observations and study.
- Talk about my reasons for grouping,

Vocabulary

Rock - A solid made up of different materials.

Sedimentary rock - made when sand, mud and pebbles get laid down in layers and harden over time.

Igneous rock - Rock formed by cooled magma.

Metamorphic rock - Rocks formed when other rocks are affected by great temperatures and pressures.

Classify - To group similar things together

Organic matter - Part of soil when plants and animals die.



granite

