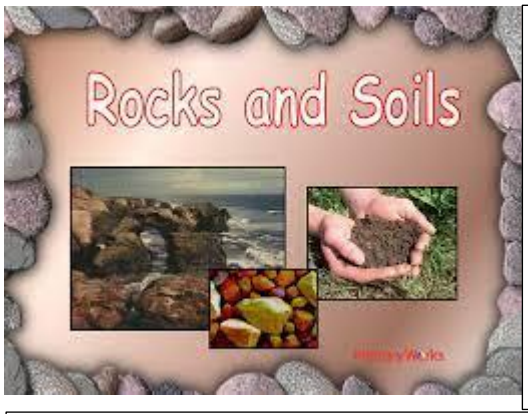
St Peter's Roman Catholic Primary School

Science Year 3

Spring 1

Rocks

What is this topic about? In this topic you will learn about different types of rocks, what their properties and characteristics are and all about fossils. We will also be investigating soils and comparing different types and sorting them.



I will show my scientific skills by…

Identify and classify rocks according to whether they have grains or crystals, and whether they have fossils in them.
Research and discuss the different kinds of living things whose fossils are found in sedimentary rock.
Explore different soils and …Identify similarities and differences between them and describe the composition of soil.
Investigate what happens when rocks are rubbed together (classify according to hardness) or what changes occur when they are in water.
Raise and answer questions about the way soils are formed.

At the end of the Topic I will know…

- Rock is a naturally occurring material and they can be different shapes and sizes (stones, pebbles, boulders) and found in different places.
- There are different types of rock e.g. sandstone, limestone, slate etc. which have different properties.
- Some rocks contain fossils. Fossils were formed millions of years ago.
- Recognise that soils are made from rocks and organic matter

KEY VOCABULARY

Decay - to rot or decompose.
Fossil - the preserved remains of a dead organism.
Geologist - a person who studies rocks.
Igneous Rock - rock formed from cooled magma.
Impermeable - doesn't allow liquid to pass through.
Metamorphic rock - rock formed from changes of heat or pressure.
Mine - to dig into the Earth for rocks and minerals.
Permeable - allows liquid to pass through.
Rock - any naturally occurring solid mineral material.
Sedimentary rock - rock formed by layers of sediment
Soil - made up of pieces of rock, minerals, decaying plant material, microbes and water