



Somerset Bridge Primary School
Aspire - Brave - Care - Collaborate

Science: Rocks and Soil

Autumn 2: Year 3

Key Vocabulary



Rocks



There are three main groups of rocks:



Igneous rock is formed from molten rock – magma underground, or lava above the ground.



Sedimentary rock is formed from layers of sediment being compressed.



Metamorphic rock is formed from other rocks that are heated by magma or under lots of pressure.

Some rocks can be human-made (like concrete or bricks)

We can use sandpaper to test the **hardness** of rocks

Soil



Soil is made of:

minerals (finely broken down rocks)



organic matter (dead or living plants and animals)



water

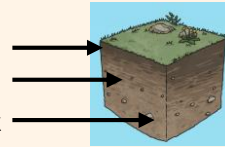


air



There are different layers of soil:

Topsoil
Subsoil
Bedrock



Being a Scientist

Mary Anning was a palaeontologist who lived in Lyme Regis in Dorset.

She was an expert at finding fossils and found patterns in where and when was best to look for them.



She observed what she found closely to notice details about the animals that made them.

Her findings were very important for scientists trying to learn about pre-historic life.

How a fossil is formed:



A dead animal or plant is covered in sediment.



Only the hard parts are left.



These turn into minerals or rock.



Sea level changes.



The fossil is exposed by erosion.