




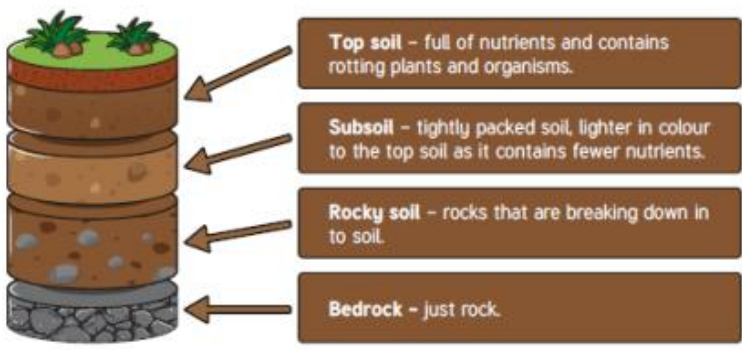
Rocks and soils

Types of Rocks- There are three main types of Rocks

Igneous	Metamorphic	Sedimentary
<p>Far underground the temperature is so hot, rock melts into a liquid (molten rock). When the liquid is underground it is called magma and it can cool to form</p>  <p>igneous rock.</p>	<p>Metamorphic rocks are formed under the surface of the earth from the change (metamorphosis) that occurs under the intense heat and pressure (squeezing).</p> 	<p>These rocks form under the sea. Rocks are broken into small pieces by wind and water (erosion). They settle as mud, sand, minerals and even remains of living things. Over time layers build up and the pressure turns this sediment into rock</p> 



Soils



What is soil made from?

Air- oxygen, carbon dioxide, nitrogen, etc


Organic Matter- living and dead plants and animals

Water- air and water fill the gaps between particles of soil

Minerals- from broken down rock

Fossils

This is the remains or impression left by a prehistoric plant or animal embedded in rock.



Key Vocabulary	
Decay	Rot or decompose
Erosion	When water and wind wear away rocks and soils
Geologist	A person who studies rocks
Impermeable	Something that does not allow liquid to pass through
Permeable	Allows liquids to pass through.