

What I have learnt already

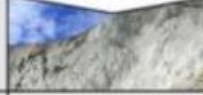
1	Physical properties	Describing the physical properties of everyday objects and grouping objects based on this.
2	Change in shape appearance	The shape of a solid object can be changed by squashing, bending, twisting and stretching.

Facts I need to learn now

1	Different types of rocks	There are three different types of rocks: igneous, sedimentary and metamorphic.
2	Rock characteristics	There are many physical properties which we can describe, including texture, size, colour, density and more.
3	Classifying rocks	We can group rocks based on their properties and ask questions to identify rocks.
4	Rocks change over time	Rocks are broken down, moved around and deposited in different places.
5	How soil is made	Soil is made from fine rock particles that are mixed with air, water and particles from dead plant and animal matter.
6	Fossils	Fossils are the preserved remains of a living organism that are formed over thousands of years.

What I will learn next

1	Fossil formation	How fossils can be made in different ways.
2	Evolution and inheritance	How fossils provide evidence of evolution (change through time)

Natural Rocks			Human-Made Rocks
Igneous	Sedimentary	Metamorphic	
Obsidian 	Chalk 	Marble 	Brick 
Granite 	Sandstone 	Quartzite 	Concrete 
Basalt 	Limestone 	Slate 	Coade Stone 

Vocabulary (Words I need to know)

1	crystalline	Transparent and completely colourless e.g. quartz
2	erosion	Rocks are broken down by ice, water, wind or gravity.
3	fossil	The preserved remains of a living organism that are formed over thousands of years.
4	igneous	Formed from cooled magma e.g. granite.
5	impermeable	Water cannot enter.
6	metamorphic	When a rock is transformed into another rock, usually through heat.
7	permeable	Allows water to pass through.
8	sedimentary	Made when sand, mud and pebbles are laid down in layers.
9	soil	The surface of the land made from fine rock particles that are mixed with air, water and particles from dead plant and animal matter.
10	texture	How something feels when it is touched.