

Rocks, Soils and Fossils

Recap:

- You can change the shape of something by squashing, bending, twisting or stretching
- Living things show signs of life
- Dead things are no longer living.




Crucial Knowledge:

1. There are three types of rock that are formed naturally: Igneous, Sedimentary and Metamorphic
2. Rocks can either be natural or manmade natural (brick, marble, chalk, granite)
3. Soil is made from rocks and organic matter. (minerals, air, water, organic matter)
4. Fossils are the remains or traces of plants and animals

Extended Knowledge:

1. Rocks can be compared and grouped together on the basis of their appearance and simple physical properties (hard, soft, permeable, impermeable)
2. Fossils are formed when things that have lived are trapped within rock
3. Palaeontology allows us to understand more about different fossils that are found. Mary Anning is a famous palaeontologist.

TYPES OF ROCKS

IGNEOUS	SEDIMENTARY	METAMORPHIC				
 Granite	 Scoria	 Sandstone	 Limestone	 Marble	 Slate	
 Pumice	 Obsidian	 Shale	 Conglomerate	 Gypsum	 Quartzite	 Gneiss

