

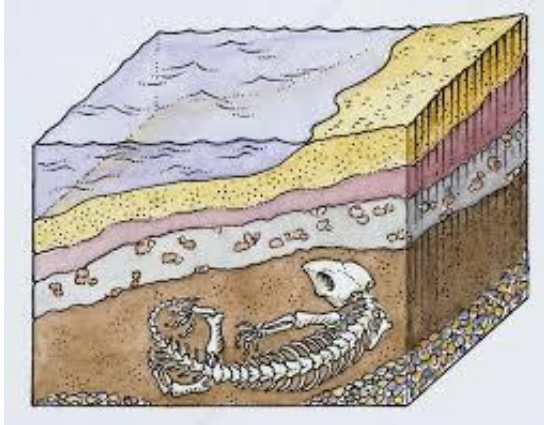
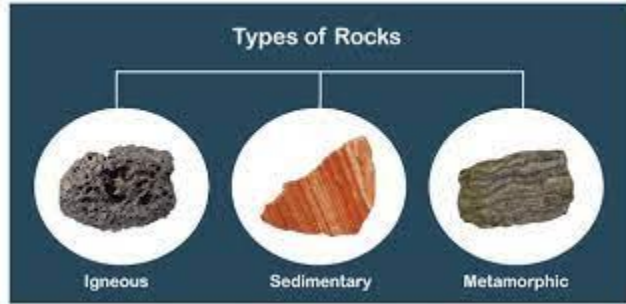
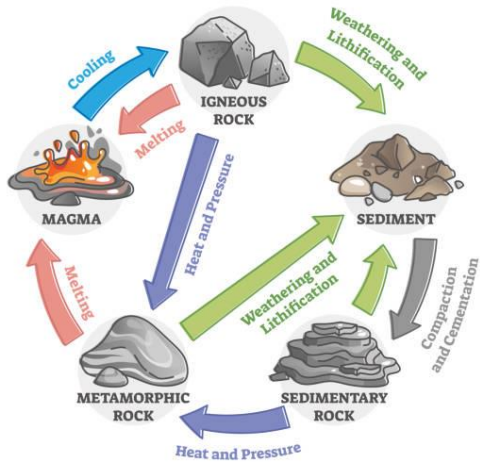


GILES BROOK SCHOOL

Knowledge Organiser

Science: Rocks and Soils

ROCK CYCLE



I already know:

- Stone is a type of material
- Materials have properties such as hardness, durability, permeability and reflectiveness
- We use different materials for different purposes depending on their properties

Key Vocabulary	
Rock	the solid mineral material forming part of the surface of the earth
Soil	the upper layer of earth in which plants grow, a black or dark brown material typically consisting of a mixture of organic remains, clay, and rock particles
Sedimentary	a rock type that has formed through the deposition and solidification of sediment
Igneous	a rock type formed by the cooling and solidifying of molten material e.g. lava
Metamorphic	a rock type formed from already formed rock that has changed due to heat or pressure
Lava	hot molten rock erupted from a volcano
Fossil	the remains or impression of a prehistoric plant or animal embedded in rock
Compost	decayed organic material used as a fertilizer for growing plants

Key people

Mary Anning - Palaeontologist
 Professor Iain Stewart MBE - Geologist



Useful web links

<https://school-learningzone.co.uk/key-stage-two/ks2-science/materials/rocks-and-soil/rocks-and-soil.html>

<https://www.bbc.co.uk/bitesize/topics/z9bbkqt>