

Knowledge Organiser
Y3
Rocks



Famous Scientist – Dame Kathleen Mary Kenyon

Dame Kathleen Mary Kenyon was a leading British Archeologist. She is most well known for her excavations in Jericho. She made many important discoveries that have given us a better understanding of how humans lived and survived during the Stone Age.



Key Vocabulary

property	A quality of a material
classify	Group materials based on their properties
sedimentary	Rock that has formed from animal and rock deposits
igneous	Rock made from solidified from lava and magma
metamorphic	Rock that has been changed by heat or pressure
erosion	Worn down by water or air
fossil	The remains of a prehistoric plant or animal
organic	Material which comes from living matter
soil	The upper layer of the Earth, in which plants grow

Key Knowledge

How do we classify types of rock?



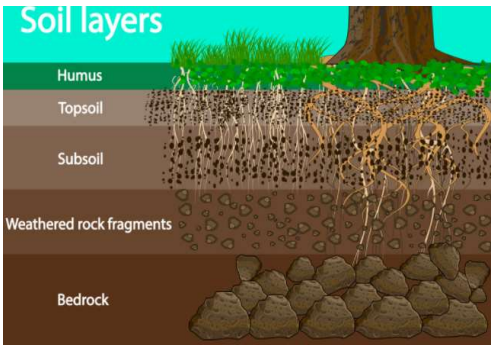
Rocks are formed in different ways and have different properties. Igneous rocks are made from cooled magma and have many small crystals inside. Sedimentary rocks are made from deposits, which come from animals, oceans and rivers. Metamorphic rocks were once another type of rock that was changed by weather and pressure.

How are fossils formed?



Bones that have been buried for millions of years are called fossils. A trace fossil occurs when a footprint that has been left by a dinosaur is preserved inside of a rock.

What is inside the soil?



Soil has five layers; not all layers have the same amount. Animals live inside the humus and topsoil layers. The less humus and topsoil the soil has, the less likely it will be for life to flourish there.