



Glossary

1	<b>Earth</b>	The planet we live on.
2	<b>Rock</b>	A solid material made from minerals and/or grains.
3	<b>Molten</b>	Something that has melted.
4	<b>Grain</b>	A tiny, hard part of something — like sand.
5	<b>Mineral</b>	A natural solid formed in the Earth.
6	<b>Crystal</b>	A clear or transparent mineral.
7	<b>Anthropic Rock</b>	Rock that is man-made — like a brick or concrete.
8	<b>Igneous Rock</b>	Rock formed when lava or magma cools.
9	<b>Sediment</b>	Grains that are carried by the wind or by water to the land or the seabed.
10	<b>Sedimentary Rock</b>	Rock formed when layers of sediment are pressed together.
11	<b>Metamorphic Rock</b>	Sedimentary or igneous rock that has been changed by heat or pressure.
12	<b>Durable</b>	How strong something is.
13	<b>Permeable</b>	Something which lets water or air pass through it.
14	<b>Impermeable</b>	Something which does not let water or air pass through it.
15	<b>Fossil</b>	The remains or trace of a living thing from a long time ago.
16	<b>Fossilisation</b>	The process of a living thing becoming a fossil.
17	<b>Remains</b>	What is left when a living thing dies.
18	<b>Erosion</b>	Water, wind and other types of weather wearing something like rock away.
19	<b>Palaeontologist</b>	Someone who studies fossils.
20	<b>Soil</b>	The loose top layer of the Earth.

Are there different types of soil?

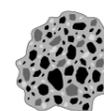
Soil is the loose top layer of the Earth. It is vital to our lives and the lives of other animals because it helps plants to grow. Soil contains lots of things including small bits of rock and so soil can be different depending on the type of rock it is made up of.



How do you classify rocks?

Rocks can be classified into three different groups based on how they are formed. These three groups are sedimentary rocks, igneous rocks and metamorphic rocks. The rocks in each group share similar properties or characteristics.

Igneous



Granite



Basalt

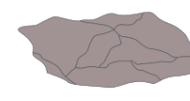


Obsidian

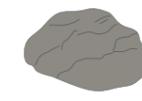
Sedimentary



Conglomerate



Mudstone



Limestone

Metamorphic



Gneiss

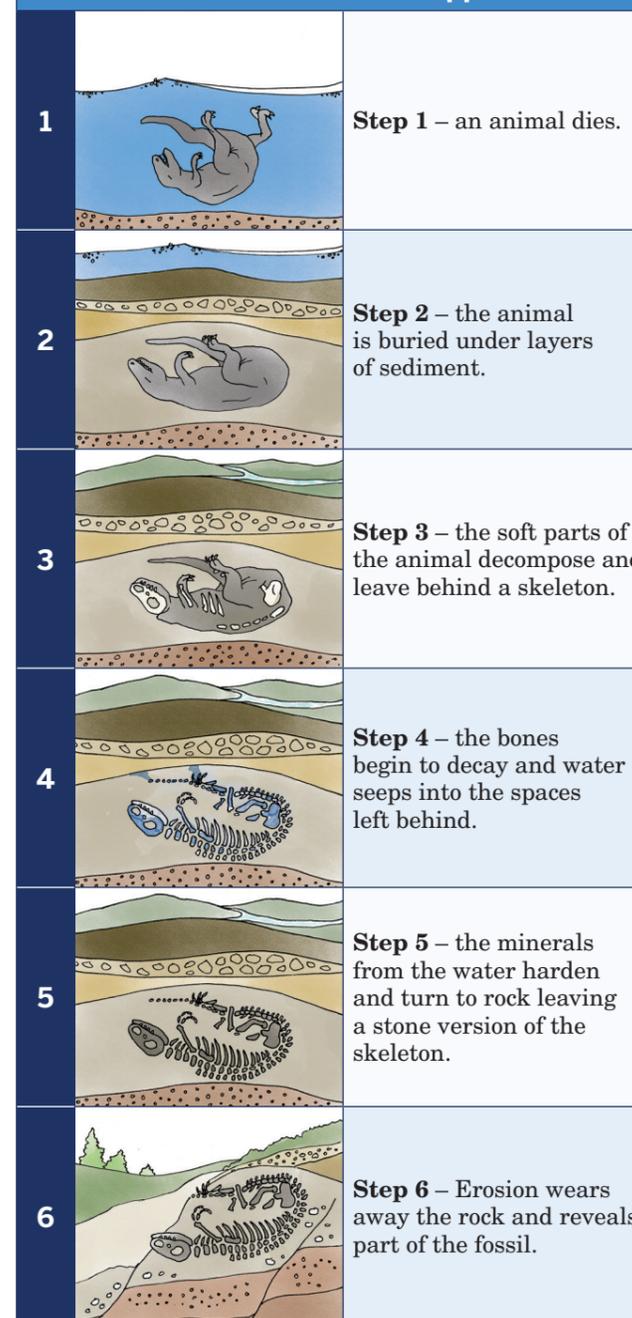


Schist



Slate

How does bone fossilisation happen?



What is a fossil?

A fossil is the fossilised remains or fossilised trace of an organism. There are different types of fossil.

Bone Fossil	Cast and Mold Fossils	Resin Fossil	Trace Fossil