

# ROCKS

Rocks might seem like simple, lifeless objects at first glance, but they play an important role in shaping landscapes, supporting life, and providing us with valuable resources. Discover the different types of rocks, how they form, where they are located and how they provide us with valuable resources.

## What are the Different Types of Rocks?



Metamorphic Rock

**Metamorphic rocks** have been formed from other rocks that have been heated or put under extreme pressure. They are usually formed deep under the surface of the Earth.



Igneous Rock

**Igneous rocks** are created near volcanoes, when magma or lava (melted rocks) is cooled and forms hard rocks. This creates rocks made of hard crystals.



Sedimentary Rock

**Sedimentary rocks** are formed of small particles (sediments) that have been layered on top of each other and compressed to form a rock that is easily crumbled.

## Where are Different Types of Rocks Located in the UK?

- Igneous rocks can usually be found in areas like Scotland, in the Lake District, in North-West England, in North Wales, and Northern Ireland.
- Metamorphic rocks are found in Northern Ireland and Scotland.
- Sedimentary rocks can be found across southern and central parts of England.

**Did You Know?**  
Pumice is used in toothpaste!

## What are Rocks Used For?

Rocks have many uses, from building to pottery, and different types of rocks have characteristics that can make them suitable for a wide range of things. Igneous rocks are usually used as stone for building or statues. Metamorphic rocks can be used for art such as statues and vases. Sedimentary rocks are also used for building and can be used to make plaster of cement.

Rocks are fascinating objects that can be found all over the world and have many uses and range in size all the way from massive rocks to tiny pebbles in gardens. Rocks are the building blocks of our world and can be found anywhere you look. Keep searching for these amazing things!