

## Science activity 1

Look at the PowerPoint and watch the video to help you sort the rocks into the correct categories. Tick the correct category and write a description of the rock.

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

### **Igneous**

Igneous rocks are formed when magma from volcanoes cools and solidifies. It may do this above or below the Earth's surface.

Igneous rocks were once sedimentary or metamorphic rocks. Examples: granite, pumice and basalt.

### **Metamorphic**

Metamorphic rocks form when existing rocks are exposed to heat and pressure deep within the Earth's surface. These rocks were once igneous or sedimentary rocks.

Examples: marble, slate and quartzite.

### **Sedimentary**

Eroded rocks (sediments) are transported by streams and rivers to the ocean. The sediments compact together in layers, which creates sedimentary rock. In this way, igneous rock can become sedimentary rock. Examples: chalk, limestone and sandstone.

Name of rock	Igneous	Sedimentary	Metaphorphic	Description of the rock
Granite				
Marble				
Sand				
Chalk				