

Year 3 - Rocks

Key Vocabulary	
igneous rock	Rock that has been formed from magma or lava .
sedimentary rock	Rock that has been formed by layers of sediment being pressed down hard and sticking together. You can see the layers of sediment in the rock.
metamorphic rock	Rock that started out as igneous or sedimentary rock but changed due to being exposed to extreme heat or pressure.
magma	Molten rock that remains underground.
lava	Molten rock that comes out of the ground is called lava .
sediment	Natural solid material that is moved and dropped off in a new place by water or wind, e.g. sand.
permeable	Allows liquids to pass through it.
impermeable	Does not allow liquids to pass through it.

Key Knowledge
There are three types of naturally occurring rock.

The diagram illustrates the formation of three types of rocks. On the left, under the heading 'Igneous', it shows magma underground and lava flowing from a volcano. In the middle, under 'Sedimentary', it shows layers of sediment being deposited and compacted. On the right, under 'Metamorphic', it shows a rock being transformed by heat and pressure, with a glowing rock and a volcano in the background.

Natural Rocks			Human-Made Rocks
Igneous	Sedimentary	Metamorphic	
Obsidian	Chalk	Marble	Brick
Granite	Sandstone	Quartzite	Concrete
Basalt	Limestone	Slate	Coade Stone