

# Shadsworth Junior School Knowledge Organiser

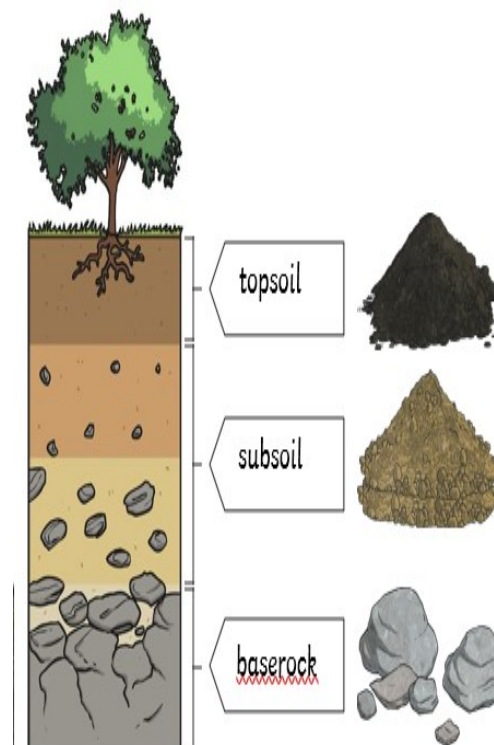
<b>Year Group: 3</b>	<b>Term: Spring 1 &amp; 2</b>	<b>Subject: Science</b>	<b>Topic: Rocks</b>
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## Must Know

Igneous Rock	Rock that has been formed from <b>magma</b> or <b>lava</b> .
Sedimentary Rock	Rock that has been formed by layers of <b>sediment</b> being pressed down hard and sticking together. You can see the layers of <b>sediment</b> in the rock.
Metamorphic Rock	Rock that started out as <b>igneous</b> or <b>sedimentary rock</b> but changed due to being exposed to extreme heat or pressure.

## Might Like to Know

Magma	Molten rock that remains underground.
Lava	Molten rock that comes out of the ground is called <b>lava</b> .
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.
Fossilisation	The process by which fossils are made.
Palaeontology	The study of fossils.
Erosion	When water, wind or ice wears away land.



## Fossils






When an animal dies it gets covered in soil. Which eventually becomes rock.

Only hard parts of the creature remain (bone)



Over thousands of years the creature becomes preserved in the rock to make a fossil.



## Natural Rocks

Igneous	Sedimentary	Metamorphic
Granite	Chalk	Marble
		

## Human Made Rocks

Brick	Concrete
	



## Mary Anning

Famous British Palaeontologist