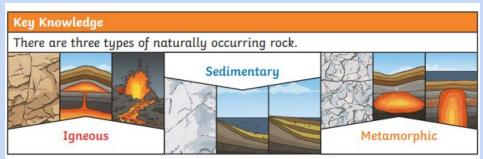
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Science and Geography

igneous rock	Rock that has been formed from magnet or lava. 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.	
sedimentary 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.	

fossilisation	The process by which fossils are made.	
palaeontology	The study of fossils.	
erosion	When water, wind or ice wears away land.	

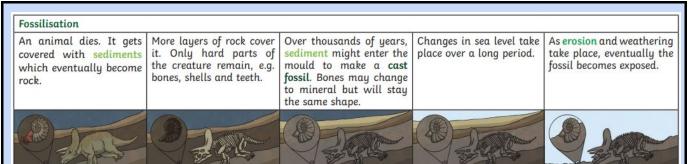
Key Vocabulary			
cumulonimbus cloud	Large thunderstorm clouds. To suddenly burst out causing lava to explode out of the earth's surface.		
erupt			
fossils	ne remains of plants or animals that lived a long me ago which can be found deep in the earth.		
magma	Extremely hot, liquid rock.		
tectonic plates	The earth's crust is made up of large areas called tectonic plates that join together.		

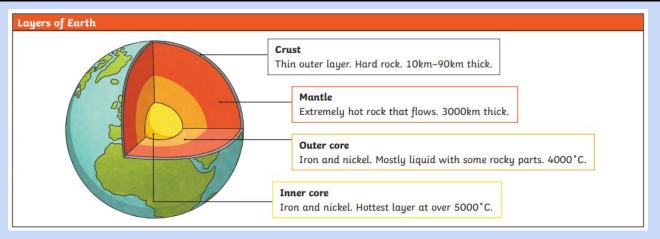


	Human-Made		
Igneous	Sedimentary	Metamorphic	Rocks
Obsidian	Chalk	Marble	Brick
Granite	Sandstone	Quartzite	Concrete
Basalt	Limestone	Slate	Coade Stone

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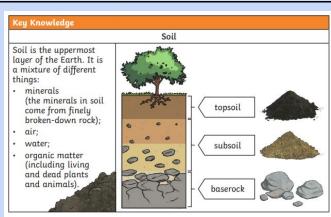
CHILDREN IN CONFLICT



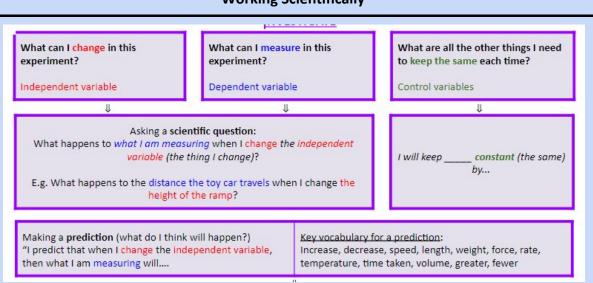


Volcanoes

- Volcanoes are made when pressure builds up inside the earth. This affects the earth's crust causing magma to sometimes erupt through it.
- Active volcanoes have erupted in the last 10 000 years.
- Dormant volcanoes haven't erupted in the last 10 000 years but may erupt again.
- Extinct volcanoes aren't expected to erupt again.



Working Scientifically



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Key Features of Explanation Texts

Title shows what the text is about. Often uses "How..." or "Why..."

Opening paragraph introduces the process.

Chronological order with time conjunctions.

Stages of the process clearly broken down.

Present tense (unless it's a historical explanation).

Impersonal tone.

Technical vocabulary specific to the topic.

Diagrams/illustrations with labels.

Cause and effect conjunctions explain how one event leads to the next.

Final paragraph (**conclusion**) links back to the opening.

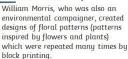
Passive voice is often used. (e.g. something **is done**)

William Morris - The Style

William Morris is very famous for his wallpaper designs. He created some beautiful designs, the likes of which had never been used before. In fact, wallpaper before his day was quite plain.



The Victorian era was the era of industrialisation; factories were being built in the cities in Britain, especially London. People flocked to the cities to work in these factories or run them, and the cities grew bigger and bigger. As a result, people led more urban lifestyles and grew to miss the countryside. Wealthier people did have gardens, but still, it was desirable to feel





William Morris - The Technique

What William Morris did was to make designs of floral patterns (patterns inspired by flowers and plants) that could be repeated many times by block printing techniques on large pieces of paper to make patterned wallpaper.





This process was later improved through advances in technology, using printing machines and synthetic coloured inks.