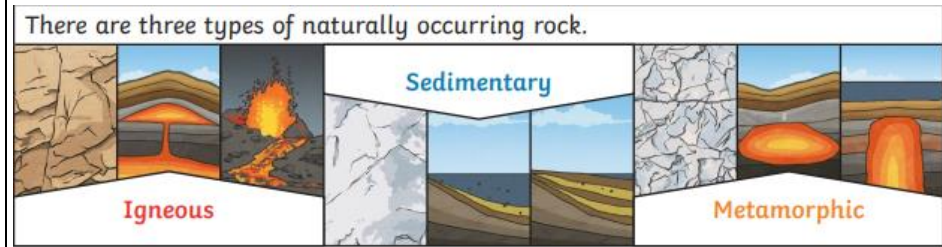


What I should already be able to do:

- Describe simple physical properties of objects
- Compare and sort objects by physical property

Important Diagrams



<p>Soil</p>	<p>Natural Rocks</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="color: red;">Igneous</th> <th style="color: blue;">Sedimentary</th> <th style="color: orange;">Metamorphic</th> </tr> </thead> <tbody> <tr> <td>Obsidian</td> <td>Chalk</td> <td>Marble</td> </tr> <tr> <td>Granite</td> <td>Sandstone</td> <td>Quartzite</td> </tr> <tr> <td>Basalt</td> <td>Limestone</td> <td>Slate</td> </tr> </tbody> </table>	Igneous	Sedimentary	Metamorphic	Obsidian	Chalk	Marble	Granite	Sandstone	Quartzite	Basalt	Limestone	Slate
Igneous	Sedimentary	Metamorphic											
Obsidian	Chalk	Marble											
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Basalt	Limestone	Slate											

Key Vocabulary

rock	A solid material making up part of the Earth's surface
appearance	What an object looks like
physical property	What an object looks like, feels like, size...
absorbent	Soaks up liquid
permeable	Allows liquid to pass through
impermeable	Does not allow liquid to pass through
fossils	Remains of plant or animal found preserved in rock
sedimentary	Rock that has been made by layers of sediment
igneous	Rock that is made by lava or magma
metamorphic	Rock that started as sedimentary or igneous, that is then changed by heat or pressure
Soil	

Scientific Knowledge and Conceptual Understanding

- Compare and group rocks by appearance or physical property
- Describe, in simple terms, how fossils are formed
- Recognise that soil is made from rocks and organic matter

Investigative Skills – Enquiry

Which rock would make the best roof?

- Asking relevant questions
- Set up a practical enquiry

Investigative Skills – Collecting Data

How many drops of water does each rock absorb?

- Count the number of water droplets a rock can absorb

Investigative Skills – Recording

- Making tables and bar chart

Investigative Skills – Concluding

Rocks x and y would make the best roof because they are least permeable

Use results to form simple conclusions and ask further questions