

What I Need to Know: Y3 Science - Rocks

We nurture the curiosity to learn, the courage to lead and the compassion to care.

By the end of this unit, we will know the names and properties of different rocks and understand how rocks and fossils are formed.



Create, Communicate & Evaluate

- Create an interactive model or display that shows in simple terms how fossils are formed (rock forming around a former living thing)



Question, Reason, Discuss & Explain

- Explore the different properties of rocks
- Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties
- Find out how different types of rocks are formed (the rock cycle)



Know & Do

- Name different rock types and their properties
- Recognise that soils are made from rocks and organic matter

Vocabulary I need to know...

rock, stone, pebble, boulder, grain, crystals, layers, hard, soft, texture, absorbs water, fossil, bone, flesh, minerals, marble, chalk, granite, sandstone, slate, types of soil (e.g. peaty, sandy, chalky, clay)

Opportunities to support English and maths

- Skim and scan texts to retrieve information or quotes quickly and accurately
- Summarise main ideas from more than one paragraph
- Make and justify inferences with appropriate evidence from the text
- Provide reasoned justifications for their views, quoting evidence from across a text

Curriculum Links and Enrichment Activities

- Flint knapping demonstration at Celtic Harmony