

Rocks & Soils

Environment

Prior Knowledge

Year 1: Plants, animals including humans, everyday materials.

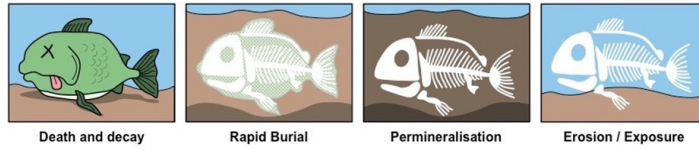
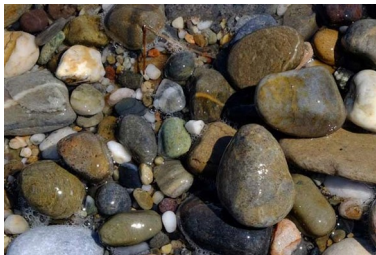
Year 2: Living things and their habitats, animals including humans, plants, uses of everyday materials.

Where next? Future learning

Year 4: Living things and their habitats, animals including humans

Year 5: Properties and changes of materials, animals including humans, living things and their habitats, Earth and space

Year 6: Living things and their habitats, evolution and inheritance, animals including humans.



My Component Knowledge:

Lesson 1: I can compare and sort materials based on their properties.

Lesson 2: I can plan an investigation.

Lesson 3: I can conduct an investigation.

Lesson 4: I can understand the legacy of Mary Anning.

Lesson 5: I can understand how fossils are formed.

Lesson 6: I can understand how soil and compost are formed.

My Composite Knowledge:

I can understand what the different types of rocks and how they are classified. I can understand the legacy of Mary Anning and the contribution she made to palaeontology. I understand the processes for making soil and compost and how they are used.

My Powerful Knowledge:

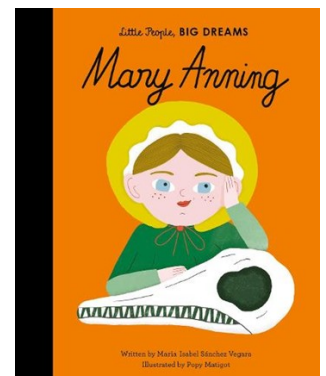
I understand that rocks have different properties and they are used for a variety of purposes. I understand that fossils can contribute to our understanding of historical events.

Key Vocabulary

Tier 1: sand, soil

Tier 2: texture, acid, absorbent, fossils, erosion, limestone, sandstone, sediment, minerals, organic matter, particles

Tier 3: igneous, sedimentary, metamorphic, permeable, impermeable



How is compost produced?

What is the fossilisation process?

How can we classify rocks?

