

# Rocks & Soils Year Three

## Environment

### Prior Knowledge

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

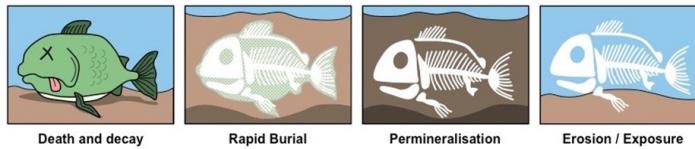
Year 2: Living things and their habitats, animals including humans, plants, uses of everyday materials.

### 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 share my knowledge of rocks, soils and fossils and can learn new vocabulary linked to this topic

Lesson 2: I can compare and identify different types of rock

Lesson 3: I can plan an investigation.

Lesson 4: I can conduct an investigation.

Lesson 5: I can identify different types of weathering and erosion.

Lesson 6: I can understand how fossils are formed.

Lesson 7: I can understand how soil and compost are formed.

### My Composite Knowledge:

I can understand what the different types of rocks are, and how they are classified. 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, compost, change, properties,

**Tier 2:** texture, acid, absorbent, fossils, erosion, limestone, sandstone, sediment, minerals, organic matter, decay, durable

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

How can I make sure a test is fair?

What is the fossilisation process?

How can we classify rocks?

