

# Perton Primary Academy Knowledge Organiser

Science Topic: Rocks

Year Group: 3

**Overview:** This teaches children about different rock types, how rocks and fossils are formed and the different types of soils and their uses.

Evident in books

Evident in pupil voice

**Opportunities to develop working scientifically:**

- Exploring rocks and their properties
- Soil Investigation

**Key vocabulary:**

- decompose
- formation
- fossil
- igneous
- metamorphic
- permeable
- sedimentary
- soil

**Prior Learning:**

- Year 1 - Materials
- Year 2 - Uses of materials

**Future Learning:**

- Year 4 - States of Matter

**Key knowledge:**

What are the different rock types – sedimentary, igneous and metamorphic

What are the properties of different rocks – investigation

What are physical properties of rocks

Rock Cycle – How rocks are formed.

Which rocks make up the Earth.

Know the different types of soils.

Soils experiment – Which soils are permeable.

To know how fossils are formed.

**Memorable Learning Experiences:**

**Assessment Questions:**

What are the different types of rocks?

How are the different rock types formed?

What are the properties of different rock types?

What are the different soils?

How are fossils formed?