

Marvellous Monuments



Topic Focus

Properties of and changes in materials, rocks and working scientifically.

Overview

The activities in this topic investigate the built heritage found in a burial ground from headstones and monuments to churches and lychgates. They encourage children to look closely at man-made features as well as investigate the varied range of materials found and used in burial grounds. The activities look closely at rocks by examining the stonework of built structures and encourage children to sharpen their observation and recording skills.

These activities are: Geology Rocks, Mission Materials, War Memorials and War Graves.

EYFS, KS1 & KS2

Key Skills

Investigating
Comparing
Contrasting
Observing
Explaining
Examining

Key Words

Properties
Stone
Rock
Materials

Curriculum Links

This topic helps develop pupil's knowledge, skills and understanding in Science and History.

EYFS

Understanding the World
People and communities
Expressive Arts and Design
Exploring and using materials and materials



John Muir Award

Discover
Explore
Conserve
Share



This section does not fit directly with badge work but gives an added dimension to Remembrance Sunday and the centenary of the First World War.

Geology Rocks

The suggested activity gives children the opportunity to study rocks by looking at the buildings, headstones, memorials and monuments found in a burial ground.

Learning Outcomes

Children will:

- Compare and group together different kinds of rock based on appearance and simple physical properties
- Identify different kinds of rock and describe their different qualities

Resources

Torch, magnifying glass, hand lens, pupil sheet and pencil

Geology Rocks Grid

Key Questions

What are headstones made from? Why?

Preparation

Locate the position of different stone prior to a visit with your group.

Activity Ideas

1. Search for rock types - walk around the burial ground and examine the different rocks found within it. Demonstrate various examples to the children e.g. slate, limestone, sandstone, marble and granite. At each example brainstorm words to describe its appearance.

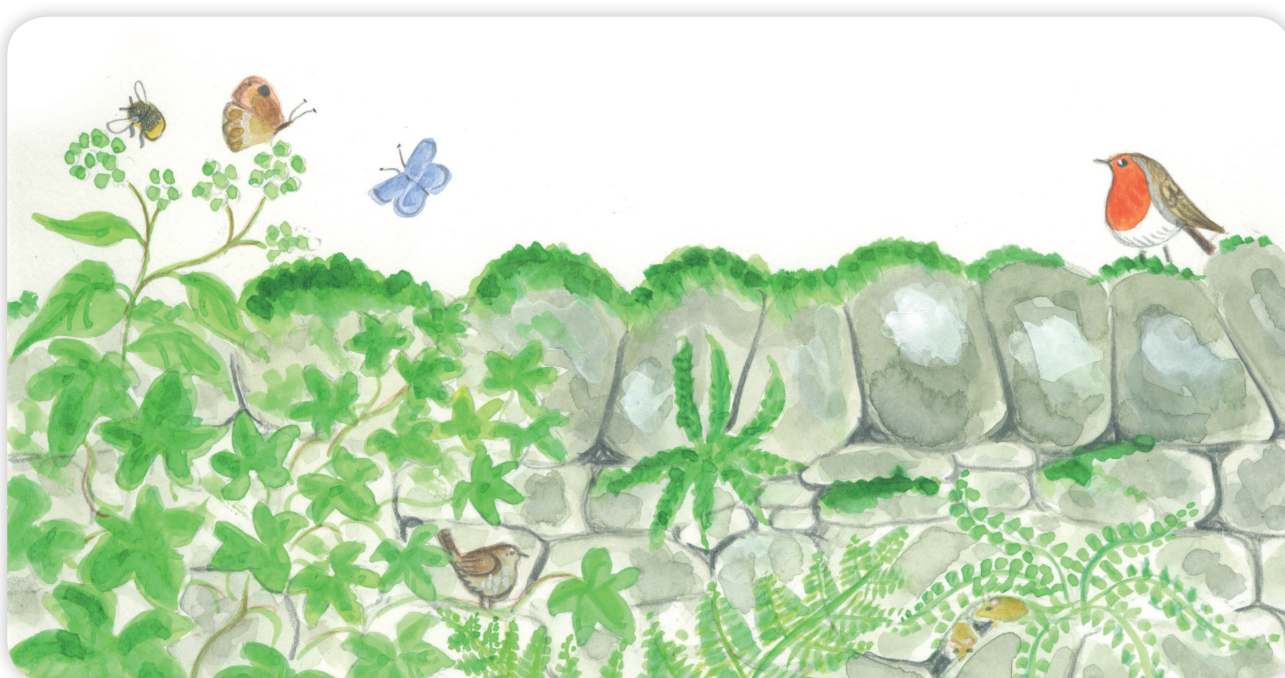
2. Investigate - in groups children locate their own example to explore in detail. Look at the characteristics of the rock: texture, appearance, hardness, condition, colour. Encourage children to describe the grains or crystals found in the stone. Record findings on the geology rocks grid.

Plenary

Do any of the rocks have fossils in them? Use the torch and magnifying glass and spend some time searching for fossils.

Back at School

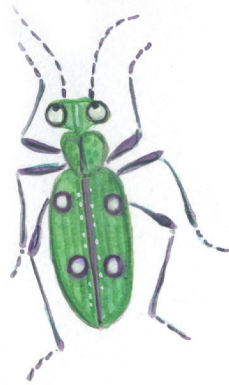
- Research where the different types of rock come from.
- Look at the similarities and differences between them; group them according to their physical properties.
- Investigate – Will my gravestone last? How did the piece of stone get there?



Geology Rocks

Name	Texture	Appearance	Grains and Crystals	Condition	Colour

Sketch and label different examples



Can you find any fossils?