

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.

Mission Materials

This activity gives children the opportunity to explore the range of materials found in a burial ground, their properties and the ways in which the materials are used.

Learning Outcomes

Children will:

- Identify a range of common materials
- Identify that the same material can be used to make different objects
- Recognise material properties such as hardness, strength and flexibility and compare materials in terms of these properties

Resources

Torch, magnifying glass, hand lens, camera, drawing materials.

Mission Materials grid

Preparation

You will need to check your local burial ground to locate the different materials children are likely to find.

Key Question

What is it made from? Why do you think that material was used?

Activity Ideas

1. Materials I SPY

2. Identify materials - children work in groups to identify different materials found throughout the burial ground such as stone, metal, wood, glass, plastic. When children have identified a material e.g. wood, they should then carry out careful observations of the material to look for its properties and carefully record their findings in the mission materials grid.

Plenary

Which material did you find a lot of examples of? Why?

Back at School

Sort the materials into different groups. Children can choose how they are going to group them.



Mission Materials

Object	Material	Properties	Extra Information	Man-made or Natural



What is each object used for?