

Science

Properties and Changes of Materials

- To compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets
- To know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution
- To use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
- To give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic
- To demonstrate that dissolving, mixing and changes of state are reversible changes
- To explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.
- To use the terms 'reversible' and 'irreversible'
- To research the work of Ruth Benerito

Art

Drawing

- To identify and draw simple objects and use marks and lines to produce texture
- To successfully use shading to create mood and feeling?
- To organise line, tone, shape and colour to represent figures and forms in movement
- To they explain why they have chosen specific materials to draw with
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Music

Responding to Music (Charanga)

- To describe, compare and evaluate music using musical vocabulary
- To contrast the work of famous composers and show preferences

Year 5 – Autumn 1 Were the Vikings vicious?



Hook: Viking Day



RE

Theme: Prayer and Worship

Key Question: What is the best way for a Hindu to show commitment to God?

Religion: Hinduism.

History

Anglo-Saxons & Viking Britain

- To describe historical events that occurred during the reign of the Anglo-Saxons and the invasion of Britain by the Vikings.
- To explore the changes in religion and how Britain spread Christian values across the world.
- To understand the role of crime and punishment during the Viking reign.
- To understand the events leading to the end of the Viking Britain before becoming Norman Britain.

Computing

Computer Systems – Sharing Information

- To understand the concept of a system.
- To identify how large computer systems work in real life situations.
- To transfer information between a system and its components.
- To work together on a single collaborative online project.
- To critique and modify the work of others.

PE

Gymnastics

- To make and extend a sequence.
- To combine action, balance and shape.
- To perform consistently across audiences.
- To make a sequence in which their movements are accurate and clear.

Games

- To gain possession by working collectively.
- To pass in different ways.
- To choose the best tactics for attacking and defending.
- To use a number of techniques.