

Science

This term the children will compare and group materials based on their properties. Children will learn about dissolving and how you can recover a substance from a substance as well as how materials can be separated. Children will learn about reversible and irreversible changes.

Geography/History

This term, the children will discover what life was like during Roman times. Aspects we will be focusing on include; the Roman army, how Roman roads were constructed, Romulus and Remus and Boudicca's rebellion. Pupils will also research what daily life was like for children during this time considering the clothes they wore, housing and the foods they ate. As a result, they will be able to see how events from the past have shaped our life today, use their mathematical knowledge to find out how long ago these events occurred and be able to explain a time when Britain was invaded. The children will also be able to place historical events on a timeline.

Design Technology

Electrical systems Torches

- Identify electrical products, learn what electrical conductors and insulators are and that a battery contains stored electricity.
- Identify the features of a torch and understand how it works and identify what is important in torch design.
- Design a torch, giving consideration for who the product is for.
- Make a torch with a working circuit with a switch, using appropriate equipment to cut and attach materials and assemble a torch according to the design and success criteria.
- Test and evaluate the torch.

Shark Class Cycle c Autumn Term

Romans

Computing

To understand how apps can access our personal information and how to alter the permissions. To be aware of the positive and negative aspects of online communication. To understand how online information can be used to form judgements. To discover ways to overcome bullying. To understand how technology can affect health and wellbeing. Children will learn about the automated motor vehicle, Mars Rover, exploring how and why the Mars Rover transfers data, understanding how messages can be sent using binary code and experiencing how to programme a Mars Rover.

Music

Looping and remixing In this engaging topic, children learn about how dance music is created, focusing particularly on the use of loops.

Songs of World War 2 Developing pitch, control and confidence when singing.

P.S.H.E

- Being me in my World Y6
- Celebrating Differences Y6

MFL

- Parts of the body
- Members of the family
- Christmas traditions

Physical Education

Handball and Gymnastics are the two areas we will be focusing on this term. In Handball, the children will use specific handball skills in games, begin to play effectively in different positions, increase power and strength of passes, moving the ball over longer distances and use a wide range of handball rules consistently. In Gymnastic, pupils will become increasingly competent and confident to perform skills more consistently. Perform in time with a partner and group. Use compositional ideas in sequences. The children will be learning to swim competently, confidently and proficiently over a distance of at least 25 metres and be able to use a range of strokes effectively.

Religious Education

- What is it like for someone to follow God?
- Christians and how to live: What would Jesus do?

Art and Design

Pupils will draw/paint a house, a monument and create monoprints. They will study the artist Hundertwasser. Draw using perspective, mathematical processes, design, detail and line. Control brush strokes and apply tints and shades when painting. Create mixed media art, selecting materials for a purpose. Construct patterns. Develop understanding of texture through practical making activities. Analyse artists' use of tone and develop their own.