

Maths

Some examples of our objectives for this topic are:

- To read, write, order and compare numbers to at least 10,000 and determine the value of each digit
- To be able to multiply and divide numbers mentally drawing upon known facts
- To be able to use rounding to check answers to calculations

Please see the school website for further information on our Maths Curriculum

Science

Space and Fossils

- To describe the movement of the Earth, and other planets, relative to the Sun in the solar system.
- To use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.
- To explain that gravity is a force of attraction between any two things that have mass.
- To understand that bigger masses exert bigger forces.
- Fossils are one of the main sources of evidence for evolution. They show when new organisms appear and when they go extinct.

DT

Frame Structures

- To be able to generate and develop ideas for a product.
- To be able to choose appropriate materials and tools to make products.
- To evaluate the final product against the original specification.

PSHE

We are all different

- To be able to form and express reasoned opinions.
- To recognise that actions have consequences for oneself and others.
- To recognise and challenge stereotypes.

Music

Listening, responding and composing

- To listen and respond to a well known composers piece of music— 'Planets' by Vivaldi.
- To compose a short piece of music using percussion instruments based on a stimulus.

Art

Painting and Drawing

- To develop painting from detailed sketchbook work to represent objects observed.
- To paint pictures with accuracy and control; begin to use tonal shading to create three dimensional effects.

Near, Far, Wherever You Are

Year 5

Autumn 2022



History/Geography

Local Study - Southampton/Titanic

- To discuss the reliability of sources.
- To offer causes when explaining historical events.
- To identify human and physical features of an area.
- To identify OS map symbols and draw a sketch map.

Computing

E-Safety and Scratch

- To describe ways that information about people online can be used by others to make judgments about an individual.
- To create an algorithm and adapt a counting machine that displays the numbers counted.
- To debug a programme to remove errors.

Spanish

Introduction to Spanish

- To speak in sentences, using familiar vocabulary, phrases and basic language structures.
- To listen attentively to spoken language and show understanding.
- To broaden their vocabulary and develop their ability to understand new words.

RE

Peace

- To be able to describe the meaning of peace and how it is shown by Muslims.
- To discuss examples of what peace is in their lives and the lives of others.

Warning

- To explain the meaning of the term warning and how it is significant within the story of the gifts of the Magi.
- To evaluate and explain the importance of warning in this story for Christians.

PE

Multi-skills

- To develop our agility and coordination.

Football

- To develop the skills of passing, dribbling and shooting.

Gymnastics

- To develop our ability to hold a balance.

Dance

- To create a dance routine with a clear stimulus.

Enrichment Opportunities

- SeaCity Museum Visit
- Local walk - Geography

English

Some examples of our objectives for this topic are:

George's Secret Key to the Universe

Reading

- To draw inferences about a characters' feelings, thoughts and motives using evidence from the text.
- To identify how language and structure can contribute to meaning.

Writing

- To make deliberate choices of sentence length and structure for impact on the reader.
- To identify the audience for and purpose of the writing.

Please see the school website for further information on our English Curriculum