

Maths

Some examples of our objectives for this topic are:

- To read, write, order and compare numbers to at least 1,000,000 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 Gravity

- 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

How Plants Reproduce

- To describe the life process of reproduction in some plants
- To explore seed dispersal and germination

DT

Electrical circuits and frame structures

- To be able to generate and develop ideas for a product
- To be able to use techniques which require multiple steps
- To evaluate the final product against the original specification

PSHE

Who Decides?

- 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

Space Explorers

- To be able to explore the use of ostinato within a piece of music
- To compose a piece of music which includes a repeated pattern
- To be able to perform a piece of music that has been composed

Art

Painting

- To be able to use a range of media to create a desired effect
- To be able to mix a full range of hues and tones and plan effective use of the space
- To be able to include simple proportion and perspective in their work

Final Frontier

Year 5

Autumn 2019



Enrichment Opportunities

- Space Dome
- Remembrance Week

Computing

Becoming a Game Designer

- To use a variety of tools to build a program
- To create, modify and present documents for a specific purpose
- To be able to organise data in different ways

French

Directions, greetings, classroom instructions

- 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

Submission

- To be able to describe the meaning of submission and how it is shown by Muslims
- To discuss examples of how submission affects 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

Gymnastics

- To explore counter balances and create sequences

Netball

- To develop skilful attacking and team play

Indoor Athletics

- To develop the technical understanding of athletic activity.

Hockey

- To explore a range of ways to defend

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