

Curriculum Overview

Year 5
Autumn 2 2023



Key Areas of Learning

As **Scientists**, we will be learning about 'Space'. We will look at the work of Galileo as well as Mae Jemison. We will begin to understand the Solar system, the movement of the planets, why we have seasons while also deepening our knowledge of the Moon. This will also link to our writing lessons where we will explore Catherine Johnson's contributions to the space program.

As **Design Technologists**, we will be learning about bridges. We will begin by researching different types of bridges and examples of these from around the world. We will then design and create our own bridges before evaluating our designs.

As **Geographers**, we will be learning about the oceans. Firstly, we will learn about the oceans and seas of the world before looking at the ocean in more detail. We will learn about the layers of the ocean, the human uses of the ocean and the problems the ocean faces as a result of human activity.

ENGLISH

In our Writing lessons, we will begin by creating haiku poems to learn about structure and the use of personification when writing. We will also learn about biographies by exploring the life of Catherine Johnson. The children will have a chance to research a significant person before creating their own biographies.

MATHEMATICS

In Maths we will first be learning about addition and subtraction with a focus on using reasoning skills to solve problems. We will then move on to multiplication and division in which we will use formal written methods before moving on to fractions.

RE

In RE our key question are:
'How can following God bring freedom and justice?'
'Why is light an important symbol at Christmas?'

PSHE

In PSHE we will be focusing on 'Celebrating Differences' which includes learning about other cultures and strategies to reduce conflict.

Computing

We focused on computing last half term when we planned our own interactive game. We will revisit computing in the spring term.

PE

In PE we are working to create sequences of movement in gymnastics. We are also learning accuracy and control in athletics.

Music

We will be focusing on the song 'Livin' on a Prayer' by Jon Bon Jovi. We will be singing and playing the glockenspiel.

French

Our topic in French this half term is 'Eating Out'. We will learn new vocabulary and participate in role plays.

Our Class Value

Our class value is 'Forgiveness' – we are thinking about how important it is to be forgiving when someone makes the wrong choice and also to ask for forgiveness when we make mistakes.

Curriculum Enrichment

We will be focusing on supporting others by raising food for various charities. This will provide an opportunity for the children to understand others' experiences while learning how we can support them.

Weekly Homework

Homework is set every Friday on Purple Mash. We have spellings to learn for a dictation test the following week and can practise using the quiz. We also use Times Table Rock Stars to practice our multiplication facts.

Homework Project

Our optional homework project is for the children to choose from any of the topics we are covering this half term – they can produce a piece of work of their choice using any style or medium they would like to work with.