

## Science

During this term, we will be studying 'Evolution and Inheritance'. We will identify and classify examples of living things, past and present, understand the theory of evolution as well as recognise what adaptation is. After this topic, we will explore the way that light behaves, including light sources, reflection and shadows. We will develop our scientific conversations through discussing what happens and making predictions.

## Maths

We will focus on place value as well as looking at the four rules, which include the formal written methods, within a range of question types. Our topic on fractions will use the children's understanding of addition and subtraction to order and compare fractions of different amounts. Geometry will concentrate on geometric shapes based on their properties and describing positions of shapes on a full coordinate grid. We will also continue to practice our estimation knowledge as a tool for checking for accuracy.

## English

During this term, we will be exploring a range of different genres including: narrative, diary extracts, character descriptions, poetry and Black History Month.

Presentation, spelling, grammar and punctuation will be a constant focus throughout this year.

We will continue to develop our reading skills through 1:1 reading and Reading Comprehension lessons,

# Y6

## Autumn Term 2023

## Geography

Within this topic, we will revisit the water cycle, describe how humans impact the oceans and the consequences of this. We will then move on to data collection and safely navigate a fieldwork environment investigation by collecting data, making suggestions for how to improve a marine environment and present data effectively.

## PSHE

As part of our topic this term we will be exploring the topics 'Being Me in My World' and 'Celebrating Differences'. This involves identifying goals for the year ahead, understanding universal rights for children and the impact of actions.

## Art & Design and Technology

In Art, we will be identifying and researching an artist that interests us and exploring photography as a medium of expression through colour, composition and different techniques. DT will involve selecting fabrics, decorating, pinning and stitching to create a waistcoat.

## Computing

During this term, we will be learning all about data. We aim to understand why barcodes and QR codes were created, explain how infrared can be used and take real-time data and enter it effectively into a spreadsheet.

## R.E

During this term, we will be looking at theories of creation to discover whether Christian creation theories and science are conflicting or complementary. We will also be thinking about why some people believe in God and other people do not.

## Languages

In Spanish, we will be building upon our reading, writing and speaking skills in learning vocabulary and phrases for 'places in our town'.

## Music

During this term, we will be learning about the music from the period of World War 2. We will develop greater accuracy in pitch and control through learning to identify pitches within an octave when singing.

## Physical Education

During this term, we will focus on our football skills by developing our understanding of tactics and awareness within a game setting. In dance, our focus will be on Bhangra style where we will transfer our energy into a choreographed traditional dance.