



Reading:

Class Text: *Charlie and the Chocolate Factory*

You can't beat a good dose of Roald Dahl! Aside from the book's link to our topic, Roald Dahl is fantastic for wordplay and inventing crazy and expressive new words, which is something we'll look at for having a bit of fun with our writing. We will also look at *The Great Chocplot* and two non-fiction texts: *Inviting an Author Into School* and *Should We Feed Animals at National Parks?*

In guided reading we will be reinforcing the most essential skills of comprehension: understanding the text (even when it has unfamiliar words in it) and being able to retrieve information from it accurately to answer questions, as well as exploring inference in more depth.



Writing:

We'll be looking at apostrophes to mark singular and plural possession, formal and informal tone and main/subordinate clauses. These will be used with subordinating conjunctions, such as because, although and however. We will be reinforcing the use of commas after fronted adverbials as well. Another big focus will be using inverted commas (speech marks) to punctuate speech correctly.



Science:

Electricity

We will identify common electrical appliances, construct simple series electric circuits and explore conductors and insulators.

Sound

We will identify how different sounds can be made, recognise how vibrations can travel through a medium to our ears and explore pitch and volume (and how to change them).



Computing:

Coding: Design, write and debug programs, solve problems by decomposing them into smaller parts, use logic to explain how simple algorithms work.

Spreadsheets: We will be using Microsoft Excel to organise, present and manipulate data in spreadsheets and also as graphs. We will present, format and analyse data as well as solving mathematical problems, often using formulae.



Maths:

We've done some great work catching up during Autumn term, and now we're fully in the flow of getting our teeth into the Year 4 curriculum. We've spent a long time reinforcing the basics of place value, addition, subtraction and using our times tables knowledge. Now we're going to work on applying them in more depth, as well as moving on to multiplication and division.

Number and place value: Order and compare numbers beyond 1,000 recognising the place value of each digit. Find 1,000 more or less than a given number. Count backwards through zero to include negative numbers.

Calculations: For addition and subtraction, we started with number lines and expanded column methods but now we're focused on compact column method. For multiplication, we'll work towards using compact column method. For division, we will work towards using "bus stop" short division.

Fractions, Decimals and Percentages: Finding common equivalent fractions, adding and subtracting fractions with the same denominator, decimal equivalents for tenths and hundredths, dividing by 10 and 100.

Measurement: Area (and recapping perimeter).



RE:

Why do people of faith go on a pilgrimage?

Why do Christians call the day Jesus died "Good Friday"?

Digging deeper into Christianity.

Topic link: *Ancient native faiths.*

Year 4

Spring Term 2022

A Whole New World



PHSE:

Me in the World: Rights and responsibilities, rights of the child and jobs and duties.

Me and My Relationships: Feelings of other people, developing relationships and different types of relationships.



History:

The Late Classic Mayan Period (600-900AD)

The Colonial Period (1500-1800) and Present Day

We'll be looking at how societies changed in South America over two main periods of history and the impact of Spanish invasion on the region. We'll learn about how traditions vary across different times and places and learn about some differences between some different major historical civilisations.

Understanding chronology: We will use historical terms to explain the events around the fall of the Maya.

Overview of world history: We will explain the characteristic features of the Maya, including experiences of men, women and children.

Communicating historically: We will learn how to describe and explain the concept of a civilisation.



Geography:

Communicating geographically: We will describe key aspects of physical geography including volcanoes and earthquakes as well as climate zones.

Investigating places: We will use maps, atlases, globes and digital/computer mapping locate and name the countries of North and South America, identifying their main physical and human characteristics. We will name and locate the Equator, Northern and Southern Hemispheres, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circles, and come to an understanding of date and time zones.



Entry Point:

We will be having a whole day of artistic activities and learn about Mardi Gras celebrations. We're going to fill the corridor with art inspired by Joaquín Torres-García.



Visits/Events:

We have our residential trip to Laches Wood during March.



Challenge:

Why is Spanish spoken so widely in Central and South America?

How has the culture of Central America changed in the past thousand years?

What happened to the Maya?



Art:

We will develop ideas from starting points, adapting and refining as they progress, and exploring ideas in a variety of ways. We will select and arrange materials for striking effect to make an effective advert as well as replicating some of the techniques used by notable artists and designers such as painting in the style of Joaquín Torres García.



D&T:

We will measure and mark out to the nearest cm, apply appropriate cutting and shaping techniques, strengthen materials, use scoring and folding techniques to shape materials and use simple electrical circuits to create packaging for chocolate as well as an interactive electronic quiz game.



French:

Les fêtes/Où vas-tu? Festivals and dates, gift, numbers 31-80, Ordering food and drink at a café, Pancake Day vocabulary and traditions, directions, weather and Easter.



Music:

Charanga: Music lessons cover several genres as well as providing the children with essential musical skills. This term we will be developing pulse and groove through improvisation.



PE:

Developing skills and attributes in dance, fitness training, volleyball and tennis.