

YEAR 4

Term 5

Spring 2024

Key Vocabulary

English – incubate, manoeuvre, environment, obedience, tendency, adaptation.

Maths – numerator, denominator, whole, proper, improper, equivalent.

Science – amplitude, volume, pitch, wave, particles, instruments.

Computing – data, logging, sensor, data point, analyse, conclusion.

Geography- core, crust, tectonic plate, mantle, molten, magnitude.

## English

Our writing journey will start with an exciting dragon themed discovery which will develop excitement for our text, 'How to Train Your Dragon', and our writing. This term students will be creating a Non-chronological report which will take the form of an encyclopaedia style page detailing information about their dragon. Throughout this writing journey will be developing the following skills:

- Fronted adverbials
- Use apostrophes for possession
- Organise writing into clear paragraphs

Once the dragon reports have been completed they will be put together into a class book which will be a dragon encyclopaedia.

## Mathematics

In Year 4 Maths, we will be learning about:

- Fractions
- Decimals
- Money

Within Fractions explore mixed number and improper fractions beyond 1 before learning how to convert between improper fractions and add and subtract these fractions. Within Decimals, we will learn about dividing numbers into tenths and hundredths to then explore partitioning, comparing and ordering decimals. Our Money topic will explore comparing and converting amounts of money to then calculate and solve problems using money.

## Science

In Science we are learning all about sound. Through this unit, we will learn how sound is made from vibration and travels in waves. We will then investigate the correlation between volume and strength of vibration and pitch and speed of vibration.

## Computing

In Computing, we will be focusing of data and information, specifically, data logging. We will consider how and why data is collected over time before collecting data and accessing data that has been captured over long periods of time.

## Religious Education

This term students will be focusing on Judaism, looking into the beliefs and practices within Judaism. Students will be developing their understanding of how Jewish people show their commitment to God by exploring their practices.

## PE

In Tennis the learning will focus on hand eye coordination, hitting the ball with control and being able to rally with a partner. In Netball we will continue to develop our passing and receiving of the ball as well as shooting and defending.

## Spanish

In Spanish, we will expand our vocabulary about the body and we will use it to role play doctor-patient dialogues. We will also be learning to describe animals and to write a simple story about exploring the jungle.

## Geography

Within our Geography topic, Earthquakes and Volcanoes, we will be exploring the structure of the earth and how this relates to the cause and distribution of earthquakes and volcanoes. We will introduce the 'Pacific Ring of Fire' and consider why people choose to live in these zones.

## Art

Our Art unit dives into the work of William Morris. First, we will explore his artwork and look into the arts and crafts movement. We will then have ago at sketching natural objects before finally designing and creating a printing block to print from.

## PSHE

In PSHE, we will be exploring 'Physical health and wellbeing'. We will investigate the question 'What is important to me? Exploring choices people make surrounding eating and avoiding certain food. We will also explore messages given via the media and how some can be misleading.

## Music

We will explore Time and communication throughout this music unit. Within 'Time' we will be looking to find and identify the timing of a piece of music and exploring off-beat rhythms. Within 'Communication' we will explore how music can communicate meaning.

## Learning to Learn

Our learning to learn this term will be imagination. We will learn about why imagination is important within all learning journeys, exploring how it can support students to generate new concepts, explore beyond boundaries and have greater flexibility to solve problems.

