

# Spring Term in Year 6

## English

We will continue to revise punctuation and grammar this term. We will focus on the use of semi-colons, parenthesis, commas and ensure our sentence structure is sound.

We will write fiction and non-fiction texts. These will include information texts, describing settings and writing from another character's perspective.

In reading, we will secure our inference skills of a text through the emotions and reasons for character's actions.

**We are reading...**

Arthur Spiderwick's Field Guide to the Fantastic World Around You



Blackberry Blue



## Maths

This term we will be focussing on ratio, algebra, more fractions, decimals and percentages, area, perimeter and volume and statistics. We will continue to revise and review previous learning in all areas. Times tables and number facts will be part of everyday life in Elder class. Applying our maths knowledge to reasoning and problem solving is extremely important.

## Science

This term we will learn about evolution and inheritance and classification.

We will develop scientific knowledge by developing a hypothesis that can lead to a scientific question to investigate. We will describe how living things are classified into groups according to observable characteristics. We will give reasons for classification. We will recognise that living things produce offspring of the same kind, but with variation. We will identify how animals and plants adapt to suit their environment.

## Art

This term in art we will explore colour theory. We will use our sketch books to explain reasons behind our colour choices. We will then use this theory to create a self-portrait where we explore our identity.

Whilst learning about colour theory we will investigate artists and their choices of colours to represent emotions.





## History & Geography

This term, in history, we will be learning more about our local area when we explore the census.

We will follow the historical enquiry question:

**'What does the census tell us about our local area?'**

We will use historical skills such as questioning, investigation and interpretation.

In geography, we will explore the question:

**'Where does our energy come from?'** We will learn about renewable and non-renewable energy sources, where they come from and their impact on society, the economy and the environment.

## DT

This term we will be using our existing knowledge of electricity and circuits, as well as our understanding of basic structures to create a ***Steady Hand Game***.

We will appraise and evaluate existing versions; learn about skills developed through play and apply that to our design, create a survey targeted at a specific demographic and identify the main components of a steady hand game. Finally, we will design and make a quality product based on our research.

## Music

We will discover the features of gamelan music, including the Slendro scale and cyclical rhythmic patterns. The children will identify traditional gamelan instruments, learning about the concept of an octave, exploring how different timbres are used in gamelan music.

## PSHCE & RE

In **PSHCE** we will be learning about keeping healthy and how to take appropriate action by making healthy choices whilst making responsible, informed decisions relating to medicines, alcohol, tobacco and other substances and drugs. We will also learn about economic wellbeing and how to safeguard money, explore career paths and the risks of gambling.

In **RE** we will be asking why some people believe in God whilst others do not. We will also explore creation and science.

## Computing

We will develop our understanding of coding further and learn Python. We will learn how to iterate ideas, testing and changing throughout and explain what our program does. We will use nested loops in our designs, explaining why they need two repeats. We will alter a house drawing using Python commands; use comments to show a level of understanding around what our code does. We will use loops in Python and explain what the parts of a loop do. Finally, we will recognise that computers can choose random numbers; decompose the program into an algorithm and modify a program to personalise it.

## PE

This term we will be developing our gymnastics and dance.

We will perform dances confidently and fluently with accuracy and good timing.

In gymnastics and dance we will confidently transition from one action to another showing appropriate control and extension for the complexity of the action. We will plan and perform with precision, control and fluency, a sequence of actions including a wide range of skills.