

### **English**

In English this half term, children will be reading 'George's Secret Key the Universe' by Lucy and Stephen Hawking. This story links to the science topics of forces and space, which children learnt about in previous terms. Children will be writing their own narrative with an alternative ending which is based on this adventure story. They will continue to understand and use a variety of grammar and punctuation.

#### Maths

In maths this half term, children will continue to convert between different units of measure. They will understand that factors are positive integers that can be multiplied together to give a given number. Children will use systematic methods to find all factors of a number. They will also leam about prime numbers, common factors and multiples. Children will use factor pairs of 100 to support efficient calculation.

### Science

In science this half term, children will learn how a flower contains male and female reproductive organs. They will work scientifically to observe and dissect a flower. Children will recognise the importance of pollination, which transfers pollen from the anther to a stigma within a flower, allowing fertilisation to take place. They will also recognise the importance of insects such as bees in the pollination process of flowering plants.

### Geography/History

During this half term in geography, children will be building on their knowledge from the previous unit studying Australia. They will study New Zealand and the South Pacific Islands, looking at both physical and human geographical features of the region.

In history, children will build on chronologically from their knowledge of both the French Revolution and the Transatlantic Slave Trade. During this unit, the children will look at the similarities and differences between the impact that the Industrial Revolution had on the lives of the rich and the poor; a theme that has been explored across the curriculum.

## Spanish

During this half term, children will learn how to say whether they live in a house or an apartment and say where it is. They will also ask and tell somebody in Spanish which rooms they have or do not have in their home. In addition, they will attempt to create a longer spoken or written passage in Spanish, recapping previously learnt language (incorporating personal details such as their name and age).

### Physical Education (PE)

During our P.E. lessons, we will be alternating between practicing a variety of athletic activities (track and field) including how to move around obstacles. Children will develop an understanding how to perform athletic activities, and learning personal and social skills using our virtual learning platform, Jasmine.

# Computing

This half term, children will find out that vector images are made up of shapes. They will learn how to use the different drawing tools and how images are created in layers. Children will explore the ways in which images can be grouped and duplicated to support them in creating more complex pieces of work.

## Personal Social Health Education (PSHE)

During this half term, children will be learning about what the qualities of a good relationship are. They will be exploring the emotional and physical changes occurring in puberty and the importance of personal hygiene. Children will investigate the difference between religion and culture.

#### Music

Children to learn about Classical Western Music. They will listen to and discuss a range of classical music pieces from Baroque to music of the 20th century. Children will discuss how music has changed over the centuries and analyse features of presented music pieces.

### Art/ Design Technology

During this half term, children will be introduced to printmaking by looking at Hogarth's series of prints, Industry and Idleness. They will consider how printmaking allows the production of many copies of one image, which can be cheaply produced. They go on to consider different printmaking processes looking at examples by famous artists: screen printing by Warhol, relief printing (in particular, wood cuts) by Hokusai and intaglio printing (dry-point and etching) by Rembrandt.

### Religious Education (RE)

During this half term, children will be exploring how human identity and belonging is shaped by non-religious beliefs and faith. They will have the opportunity to reflect upon the way in which religion, faith and belief shape their own and other people's lives. Children will examine the nature of faith and the impact it has on both individuals and the community.

# Ideas for home to support

Encourage discussion with your child when pronouncing new words if their reasonable attempt does not sound correct. Clarify the meaning of a wider range of words by modelling them within sentences.

Practice multiplication and division facts up to 12 times table. Support your child's revision of learning on Seesaw, engage and access with your child's Seesaw posts.