

### English

#### **In English we will be:**

- Reading a range of biographies and exploring their key features.
- Considering how planning our writing can support us and thinking about different ways of writing.
- Showing awareness of audience and purpose by adapting writing to more formal style.
- Look at using adverbials of time in our writing to create cohesion within and across paragraphs.

### Computing:

- We will be learning about flat file databases and how they can be used to organise information.
- We will use tools within a database to solve problems.

### Art & Design:

We will investigate different techniques for sculpting using clay and tools.  
We will plan and then create our own model of the solar system using clay and paint.

### Maths:

In maths we will be:

- Finding the area of rectangles and rectilinear shapes by counting squares
- Recalling 3, 4, 5 and 6 times tables
- Exploring multiplication and Division facts
- Using formal column methods

### Science:

Our topic is: Living Things and their Habitats. We will be:

- Describing ways plants can be pollinated.
- Describing ways to grow new plants other than from seed.
- Identifying different types of mammals.
- Learning about the work of Jane Goodall.
- Identifying familiar animals that undergo metamorphosis.
- Ordering the stages of the life cycles of mammals, birds, insects and amphibians

Year 4/5 – Autumn 2

# One Small Step...

*To make this topic even more relevant, and ensure the knowledge sticks, the children will participate in a trip to The Horniman Museum to take part in a science workshop.*

### PE:

This half term we will be focussing on team sports, and in particular, Rugby. Our indoor PE is dance.

### Music:

This half term our unit of work is called 'Journey into Space'. We will be exploring different sound sources and how they contribute to the mood of a piece of music. We will be creating our own soundscapes of space. We will also be learning steel pans.

### Spanish:

This half term we will be learning to talk about different music genres and express our opinion on them. We will also listen to some traditional Spanish music.

### RE:

#### Do Fame and Christianity go together?

We will be learning:

- The values needed to be Christian.
- To ask if and how Christian faith supports famous people in who they are

#### How do art and music convey the meaning of Christmas?

We will be:

- Looking at different symbols and representations of Christmas in Christmas cards, art and carols.
- Discussing what makes art or music secular or sacred.
- Learning about and explore different representations of the nativity narrative.

### Humanities:

We will be:

- Developing our understanding of chronology through learning about key events.
- Presenting our findings in different ways.
- Making comparisons between aspects of history and the present day.
- Understanding that the type of information available depends on the period of history studied.
- Evaluate the usefulness of a variety of sources.
- Identify the physical characteristics and key topographical features of the countries within North America.

### Personal, Health, Social and Citizenship:

Our unit of work this half term is called 'Celebrating Difference'.  
In this unit of work we will be examining differences, what makes us all unique and special and discussing reasons why people of different backgrounds sometimes come in to conflict. We will also be celebrating difference across the world.