

# Year 5

# Map my World



## English

In English, we will be reading 'George's Secret Key to the Universe'. The children will produce 4 pieces of extended writing: an oath, a narrative, a science report and a newspaper report. We will be focusing on the following skills:

### **Skills to be covered:**

#### **Reading**

- To read confidently and expressively across genres.
- To use the context to understand the meaning of new vocabulary.
- To use evidence from the text to support opinions.

#### **Writing**

- To adapt choice of vocabulary and structure to suit the audience and purpose.
- To continue to develop an understanding of spelling, grammar and punctuation.
- To improve their writing by editing independently.

#### **Speaking and Listening**

- To extend confidence through public speaking, performance and debate.

## Maths

In Maths the children will learn to:

### **Skills to be covered:**

- Apply an understanding of place value for written addition of 5-digit numbers.
- Understand and apply the place value of decimals.
- Understand a range of mental calculation methods.
- Consolidate the column method of addition and subtraction.
- Choose an appropriate calculation strategy based on given information.
- Identify, measure and draw angles in degrees.
- Distinguish between regular polygons and irregular polygons.
- Measure and calculate the perimeter of composite rectilinear polygons.
- Solve problems using information on a line graph.
- Know times tables from 1-10.

## Science

In Science, Year 5 will be learning about Space and the Solar System.

### **Skills to be covered:**

- To describe the movement of the Earth, and other planets, relative to the sun in the solar system.
- To identify scientific evidence that has been used to support or refute ideas or arguments.
- To use the idea of the Earth's rotation to explain day and night.
- To plan different types of enquiries to answer questions.
- To identify scientific evidence that has been used to support a theory
- To select a range of appropriate sources of information including digital media and separate fact from opinion.
- To identify and understand phases of the moon.

## Opportunities for SMSC

- Pupil Leadership Team.
- Classroom roles and responsibilities.
- Inclusive forum for discussion in PSHCE and P4C sessions.
- Opportunities to study and celebrate cultural diversity across the curriculum.
- Opportunities for pupils to develop self-confidence, and nurture that of others.

## Value of the Term

# Courage

### History:

Through studying the Space Race, pupils will learn:

- To know and sequence key events of an historical period on a timeline.
- To make connections and comparisons between different periods in history.
- To understand how some events from the past affect life today.
- To confidently use research tools to collect information.
- To understand the experiences of people in the past.

### Spanish:

- To greet others appropriately and to introduce yourself to others, including how to say:
  - 'hello'
  - 'my name is'
  - 'I am ... years old'
  - 'how are you?'
  - 'goodbye'
- To have a conversation with a new person by asking and answering simple questions.
- To count objects fluently.
- To name colours correctly.

### Art/DT:

In their study of Pop Art and Digital Art, as stemming from the 1960s, pupils will learn:

- To understand the relationship between primary, secondary and tertiary colours.
- To understand the term 'analogous colours' and 'a triad of colours'.
- To use a colour wheel to inform choices about the use of analogous colours.
- To know about great artists and designers in history.
- To explore the roles and purposes of artists and designers at different times in history.
- To begin to develop an awareness of composition, scale and proportion in drawings.
- To select and use different techniques for different purposes.
- To take artistic photographs.
- To create artwork based on an historical artist.

### Computing:

Children will continue to learn how to code computer programmes.

They will learn:

- To design and write a programme to achieve a specific goal.
- To work using a range of inputs and outputs.
- To know the effect of variables in a programme.
- To understand that sequences of commands need to be precise for a reliable system.

### PSHCE

Pupils will participate PSHCE sessions which will enable them to develop the following skills:

- To understand our rights and responsibilities.
- To have strategies to cope with uncomfortable feelings and to cope with stress.
- To empathise with others and help them feel valued.
- To find solutions to problems which may arise in the playground.

### P.E.

Over the half term, Year 5 will participate in physical activities to improve their base fitness, in the style of Astronaut training. They will learn:

- To understand how physical activity affects our health and fitness.
- To work towards personal sporting goals.
- To use different movements to train different parts of the body.

### R.E.

In R.E. lessons, pupils will discuss and compare different beliefs about 'God'. This will include:

- Christian beliefs about God, as represented in the Bible.
- Hindu beliefs about God and the place of Hindu gods and goddesses.
- Islamic teachings about the 99 names of Allah, and the influence that these might have on the life of a Muslim.