

# Year 5 Autumn Term 2022

## Learning Overview Summary

Key Concepts: Identify, Belonging and Safety

### English

**As readers and writers, we will** climb aboard a transport ship to join Beth and the crew in our first Guided Reading Text: Orion Lost by Alastair Chisolm. Staying with the space theme, we will write the narrative for a short film keeping the reader on the edge of their seats!

Additionally, we will create our own news broadcast to inform others about recent space related events. Inspired by significant figures, we will write biographies using a variety of skills to celebrate their achievements. We will also learn more about Mike Massimino in our non-fiction text for guided reading. Finally, we will have the opportunity to read, write and perform our own poems in the style of Bronte.

### Maths

**As mathematicians we will** be reading, writing, ordering, comparing and rounding numbers to at least a million and understand negative numbers in context, counting forward and backwards through zero. Also, we will be strengthening our mental strategies to add and subtract. Building on our Year 4 work, we will consolidate our written formal methods for the four operations to solve problems.

### Computing

**As computer scientists we will** learn how to import data into a spreadsheet and use formulae to calculate. Using Powerpoint, we will create a slideshow with images text, audio, transitions and animations for a specific audience.

### Science

**As scientists we will** be investigating our own solar system and our place within it. Also, we will describe the movement of the Earth and other planets relative to the sun in the solar system, including seasons and moon phases. In our Forces unit, we will explore the different forces such as gravity, air resistance, water resistance and friction and the impact they have on moving objects.

### Modern Foreign Languages

**As linguists we will** be learning how to discuss ourselves in French.

### Music

**As musicians we will** compose and perform melodies to depict space travel using a range of note lengths.

### History

**As historians we will** be exploring the contribution and recognition of African-American

women in space travel. Alongside this to coincide with Black History Month, we will be celebrating the achievements of significant figures by exploring a variety of their work to inspire our own.

## **Geography**

**As geographers we will** be identifying the human and physical features of North America before exploring why the area surrounding Kennedy Space Centre is perfect to launch rockets. Using our findings, we will justify a location in the UK with similar geographical features.

## **Religious Education**

**As citizens we will** understand what it is like to belong and rituals in a Muslim's life to show how they belong to their religion.

## **Design and Technology**

**As designers we will** learn the skill of kneading through our cooking and nutrition unit in order to plan, bake and evaluate focaccia bread.

## **Art**

**As artists we will** analyse the work of Peter Thorpe and Marcus Motum as inspiration to create our own space themed artwork using collage, painting and drawing.

## **Physical Education**

**As athletes we will** consolidate skills for attacking and defending through the sport of Tag-Rugby. In gymnastics, will be consolidating key skills before developing vault skills. In dance, we will combine flexibility and technique to create and perform a dance.

## **Personal, Social, Health, Emotional**

**As British citizens we will** be understanding how a growth mind-set can be beneficial in different contexts and how to keep ourselves and others safe on and off line. Also to end the term, we will explore different relationships and acceptable relationships.