



**Space –
The Final Frontier**



YEAR 5

Autumn 2024

FOCUS CURRICULUM PRINCIPLES –

- Strong Working Partnerships.
- Promotes Independence and Curiosity.
- Opportunities for memorable experiences.



KEY AREA OF LEARNING – Science/Geography

During the Autumn term, we will be reaching for, and beyond, the skies and learning about Earth and Space and how our planet forms only a tiny part of the Solar System. We will learn about planets, how they are all different and how they were discovered. We will use digital maps to look at the moon, investigate its surface and look at how the lunar landings took place. In History we will explore the Space Race between the USA and the USSR. Finally, in Geography we will be learning all about our planet and the locating different countries throughout the globe.

SCIENCE

Earth and Space – This will be our main unit and will involve looking at elements including theories about the solar system, the Earth’s tilt, seasons and phases of the moon.

Forces: We will be studying different forces through a range of experiments, including levers and pulleys, air and water resistance, friction and gravity.

ENGLISH

We will be reading Michael Morpurgo’s ‘Kensuke’s Kingdom’. This is an exciting adventure text set on a foreign island. The children will be creating their own diaries, setting descriptions and messages to go in bottles! We will also be working on a wide variety of reading skills through immersing ourselves in this text.

We will create news/ blog reports about H.G. Well’s “War of the Worlds”, as well as some informative texts based on “How to Burp in Space”.

MATHS

We will begin with place value: numbers to 1,000,000 including decimal numbers. We will look at money and measures & make connections with decimals. We will look at negative numbers, short multiplication & short division. Throughout the term, mental maths skills will be a continued focus & will be practiced through a variety of different activities.

HOMEWORK

There will be weekly homework in spelling & TT Rock Stars. The children will also be encouraged to read on a regular basis.

COMPUTING

We will be using iPads and laptops during our computing sessions to practice a variety of skills including sharing information and vector drawing.

PE

PE this term will focus on Tag Rugby, Tennis, Dance, Football, Handball and Basketball. Our personal challenge will be Vortex, Speed Bounce, Standing long jump & Vertical jump

FRENCH

This term we will be looking at the following topics: Back to School, School subjects, Teachers – physical descriptions and names Comparing schools (here and in France).

PSHE/SMSC

Our PSHE sessions will be focusing on our school values of Respect and Relationships. We will continue to link to our Conscious Community.

TRIPS/VISITOR

We are planning a few exciting trips during this term. Starting off with a mainland trip to the Winchester Science Museum. We will also be going to Fort Victoria to explore the planetarium and the local Geography.

ART

We will be studying two artists with a focus on Space: Peter Thorpe and Sophie Knight-Crow. We will be practising our drawing skills with pastels, paint effects, and making our own collages.

DT

We will design and build a moon buggy with an electrical circuit to power it, as well as our own papier mâché Solar System.

MUSIC

We will be identifying the pitch and rhythm of written notes and experimenting with notating their compositions in different ways to help develop their understanding of staff notation. We will also be identifying the key features and mood of Blues music and its importance and purpose.

RE

During Autumn one, our RE unit is based on belonging and in autumn two, our unit is interpretation based on the Christmas story. We always link RE days to our own lives and how the concept relates to our experiences.