



Earth and beyond!

YEAR 5 Eclipse Class

Autumn 2025 -2026

Focus Curriculum Principles –

Coherent learning links and pathways

Strong working partnerships

Valuing all children, learning is accessible to all



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 and study the impact women had on space exploration. Finally, in Geography we will be learning all about our planet and the locating different countries

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

During Autumn One, 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! whilst working on a wide variety of reading skills through immersing ourselves in this text. In Autumn Two, we will be learning about biographies by researching female space personnel and looking at the impact they had, before reading the classic 'Scrooge', and immersing ourselves in Victorian life.

MATHS

We will begin with place value: numbers to 1,000,000 including reading and writing and partitioning numbers, comparing and ordering them. We will look at formal methods for adding and subtracting whole numbers with more than four digits and use the inverse operation to check our answers. Following this, we will develop our calculation skills for multiplication and 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, English and Maths. There will also be a topic grid with a range of activities for you to have a go at. Please keep practicing your times tables and regular reading.

COMPUTING

We will be using iPads and laptops during our computing sessions to practice a variety of skills including learning how to share information safely and creating our own media through the concept of Vector Drawing.

PE

We will be having 2 PE sessions a week during the Autumn term. Focusing on tag rugby and handball with Mr Gutch, Dance with Mrs Gibbins and tennis as part of our own class PE.

FRENCH

During French lessons, we will be learning through songs, drama and games. We will recap learning such as asking and responding to questions, counting to 31, the vocabulary for food, clothing, parts of the body and holding simple conversations.

PSHE/SMSC

We will be having PSHE sessions with Mrs Brett-Hill this year. This term, we will be looking at our unit on relationships which includes covering sessions which discuss families, peer influence, prejudice and discrimination.

TRIPS/VISITORS

We are planning a few exciting trips during this term. Starting off in October, with a mainland trip to the London Science Museum. In Autumn two, we will also be going to Yarmouth for part one of our Geography fieldwork!

ART

Our main Artist study for this term will be Peter Thorpe, here we will explore his Rocket series and have a go at creating some of our own rocket art. The class will also study Bridget Riley and her optical illusion work and create our own!

DT

In DT we will be designing a moon buggy with an electrical circuit. To enhance our study of space, we will be making a 3D solar system sculpture! In Autumn Two, we will create our own CAM toy and using textiles we will design a felt decoration.

MUSIC

We will be listening to space music through different genres, listening to them and making comparisons. In addition, we will look at identifying the structure of a piece of music. In Autumn two we will be learning about Blues music before composing some of our own.

RE

During Autumn one, our RE unit is based on Belonging – the Shahada and Salat. In Autumn two, we will be studying the Christmas story and in particular comparing the two birth narratives.