

EARTH AND SPACE...

Reach for the stars!

YEAR 5 Autumn 2023



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 the planets, how they are all different and how they were discovered. We will also be investigating forces and taking part in experiments to learn about these in a hands-on way. In History we will explore the Space Race between the USA and the USSR. 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

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! We will also be working on a wide variety of reading skills through immersing ourselves in this text. As we move into Autumn two, we will be reading 'Unusual Creatures', a non-fiction book based on creatures that you won't believe are real! We will then create our own class book based on fascinating creatures, each contributing a page.

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 creating our own media and learning how to share information safely.

PE

We will be having 2 PE sessions a week during the Autumn term and these will be on Tuesday and Wednesday. With Mr Westhorpe, we will be learning the skills for tag rugby and Mrs Mowle will be teaching us tennis.

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, and holding simple conversations.

PSHE/SMSC

This term, we will be looking at our unit on relationships which includes sessions which discuss families, friendships, peer influence, prejudice and discrimination.

We will have one hour a week of PSHE where we participate in lots of class discussions.

TRIPS/VISITORS

We are planning a few exciting trips during this term! This half term we will be doing a Geography fieldwork trip and next half term we will be hopping on a boat to the Winchester Science centre!

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

Firstly, we will be creating our own class solar system using papier mache and investigating different structures. Secondly, we will be exploring moon buggies with the intention of creating our own.

MUSIC

We will be learning about different genres, listening to them and making comparisons, picking out key instruments. In addition, we will look at creating a range of our own rhythms.

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.