

Earth and Space
Reach for the stars!
Year 5 – Solent Class
AUTUMN 2025



GEOGRAPHY/HISTORY

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

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! As we move into Autumn two, we will be reading 'Scrooge' and looking at the Christmas story from another perspective, one that is bleak, greedy, and full of ghostly surprises!

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

We expect the children to frequently read and have their records signed. There will be weekly spelling homework set and tested and there will be optional topic home tasks each term. Can you please also continue to focus on times tables at home. Times Table Rockstars is highly recommended.

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. Focusing on tag rugby with Mr. Westhorpe, and net and ball games through Tennis with myself.

FRENCH

To start children will be consolidating their knowledge from the previous year – things like numbers, colours, greetings, hobbies and more.

Autumn 2 will be focused on Space (linked into our topic). This will be an exciting way of learning about the planets and solar system, but in another language!

PSHE/SMSC

Throughout the term we will be developing an understanding of our own feelings and how these feelings change depending on what is happening around us. This term, we will be looking at our unit on relationships which includes covering sessions which discuss families, peer influence, prejudice and discrimination.

TRIPS/VISIT

We start off with a mainland trip to the London Science Museum. In Autumn 2 we will be going to Yarmouth to explore tourism in Winter ready for comparison later in the year.

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 designing 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.