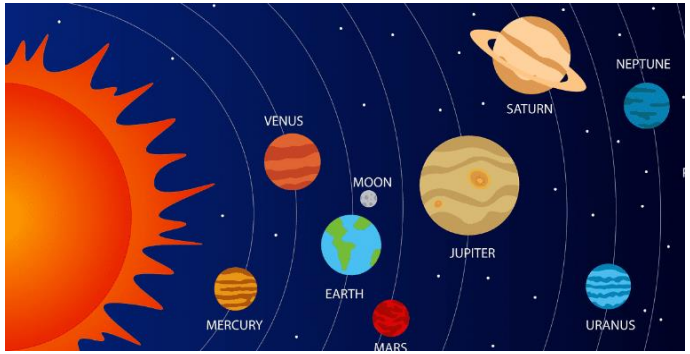
Year 5

Experience:

In an interactive online show, we'll be space scientists exploring how the UK space Industry is combatting the climate crisis.



Space

English:

We will research the use of animals in space exploration and write a balanced argument – Should animals be used in space research? We will write a non-chronological report about the ISS and then compose a fictional narrative about an astronaut. We will continue to 'chot' and 'sentence stack' together, discussing the most effective sentence structure and vocabulary choices for the genre, intent and audience. We will continue specific spelling and handwriting lessons to ensure our ideas can be understood.

Maths

Times Tables Rockstars sessions will be set weekly to ensure tables facts can be recalled efficiently; these will be needed as we recap multiplying 2 to 4 digit numbers by 1 digit and learn to multiply 2 and 3 digit numbers by 2 digit numbers, using formal methods. As always, careful layout of workings will be a priority, especially as calculations have an increasingly number of steps. We will then revisit fractions; finding equivalents, converting between improper fractions and mixed numbers. We will extend our operating to multiplying a fraction by a whole number and also recap finding a fractional quantity of an amount.

Science:

We will use digital models to learn about our solar system. We will learn about the history of space exploration, the shape of the Earth, how the Earth's rotation causes day and night and how the tilt of our Earth's axis impacts our weather giving us seasons. We'll create fact files about the planets and display them to create our own solar system.

Computing:

We will be focusing on Online Safety during our computing lessons. This will be linked to the use of phones, tablets, gaming consoles and laptops as we explore how our devices connect us to the wider world.

DT

Having enjoyed our Team Repair fixing challenges, we will research decorative, textile containers, so we can design a product for our chosen user and specific purpose, practising sewing, cutting and measuring. Modifications and evaluations will improve the finished product and we will suggest how our products can be more sustainable.

Music:

We will listen to Space themed music: Deepest Relaxing Ambient Music Angelic Choir from Outer Space, Ligeti's Atmospheres and Vangelis' Mare Tranquillitatis, learning how a composer creates atmosphere considering timbre, texture and dynamics before creating our own piece.

PSHE + RE:

In RE, we will explore the concept of salvation and the value of salvation to Christians. In PSHE, we will consider our role in protecting the environment and how to stay safe online.

French:

We will learn about shopping in France – giving prices and describing different foods.

PE:

In gymnastics, we will work with a partner to create canon and synchronised routines using balances, rolls and jumps. In football we will be exploring teamwork as well as the fundamentals of dribbling, passing, shooting and tackling.