

Art and Design

In art, we will be using chalks to create our own version of Vincent Van Gogh's painting, 'Starry night' and will be sewing star constellation wall hangings.

To help develop our understanding of the solar system, we will also be making sculptures and models of the planets and using different printing techniques to create unique pieces of space artwork.



Design Technology

We will be designing, drawing and creating replicas of space technology. This could include the Mars Curiosity Rover buggy, space shuttles and satellites.

We will also be designing and creating our own spacesuits which would be suitable to wear for a space adventure.

Science

Year 5 will be learning about Earth and its place in our solar system. We will learn about the planets, night and day, the stages of the moon and how the planets orbit the sun. We will also be learning about solids, liquids and gases and changes of materials.

Year 6 will be learning all about light. We will discover how light travels and how the eyes work. We will learn all about shadows and what reflection and refraction is. This term we will also be learning about electricity and find out about two of the most important scientific inventors, Thomas Edison and Nikola Tesla.

English

This term, we will be developing our descriptive writing skills by creating adventure, science – fiction stories set in Space. We will also improve our knowledge and understanding of figurative language by writing poems about our universe.

Having learnt all about the history of the moon landing and space travel, we will also write biographies about famous astronauts and instruction and explanations text illustrating how to take care of an alien!

Year 5 and 6

'Go outside and paint the stars' **Vincent Van Gogh**



Through the eyes of an artist

'Go outside and paint the stars' is a quote from the world famous artist Vincent Van Gogh and is the inspiration behind this term's learning.

Through all aspects of the curriculum, Year 5 and 6 will be hurtling into outer space to discover more about our solar system. Pupils will learn all about the planets, the history of space exploration and the lives of famous astronauts. They will use dance to reenact the first moon landing and art and design to learn more about the stars and space travel. Pupils will use coding to carry out their very own space mission and write stories, poems and information text all about the incredible wonders of the universe.

3, 2, 1...BLAST OFF!

Geography

Year 5 will be learning all about the lines of longitude and latitude linking it to science, time zones and night and day. We will also be learning about the different hemispheres and why the climate changes as you approach the equator.

Year 6 will be identifying the main environmental regions of major countries across different continents. We will be learning about the key physical and human characteristics of them and their major cities.

History

In history, we will be learning all about the space race between USSR and the U.S.A, including the key events that lead to the first humans landing on the moon in 1969. We will also find out about the scientist Galileo and the invention of the telescope, investigating how this changed astronomy and our understanding of the stars and planets.

Computing

In computing, we will code our own space mission, visiting all the planets using Scratch. To achieve this, we will be applying aspects of maths, coding and physics. We will also be using ICT to create short animations depicting a rocket launch.

Music and Movement

In physical education this term, we will be continuing the theme of dance and incorporating the moon landing and planets into our choreography.

In music, we will be using our composing skills from last term to create a piece of music that depicts a journey into space. We will also be learning about the famous composer Gustav Holst and use his composition *'The Planets'* to inspire our own musical masterpieces!