

Art & Design, Design and Technology and Music

In our **Art** lessons, we will look at how artists portray movement, including the work of Gino Severini. In **D&T**, we will complement our interstellar studies with designing and creating Mars rovers. We will consider existing designs and their particular features before designing our own new model. During this project, we will develop our wood work skills and investigate joining and construction techniques. In **Music**, we will listen and appraise 'The Planet Suite' by Gustav Holst and compose a piece of music inspired by 'Mars'.

Maths

Our work will be primarily number-based, focusing on the formal methods for the four operations, the order of operations, negative numbers, place value, rounding & problem solving.

Computing

We will use a variety of software to create & edit our own digital compositions, linking with our Music work. We will then make our own digital compositions and share them with others.

English

In line with the rest of the school, our first unit will be multi-skilled, focusing on the text 'Flotsam' by David Wiesner. to fit in with our space topic, 'Planetarium' by Raman Prinja. We will also be writing biographies of famous people linked to space such as Helen Sharman, Neil Armstrong and Tim Peake to name but a few.

Our reading sessions will cover a variety of text and genre types; each class will also incorporate their class novel into this teaching. Grammar and spelling will cover both Year 5 and 6 content to ensure children have a solid foundation to apply these skills in their wider writing. Do look out for your child's 'Spelling Shed' scores coming home each week.

History / Geography

In **History**, we look at a key turning point in history when mankind reached for the stars and took one small step for man, as we study the Space Race, the life of Neil Armstrong, as well as the historical impact of the Apollo 11 mission and what it means for space travel today. We will also enjoy looking at how 'human computers' had such a significant role to play in the NASA story. In **Geography**, we will take a look inside the Earth, studying volcanoes, earthquakes and tsunamis and their effects on communities.

*Upper Key Stage 2
Autumn 2022*



Science

During the first half term, we will learn about the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky. We will also consider famous historical scientists & astronomers and their discoveries in this field as well as an overview of our Solar System. In the second half of the term, we will be learning about light. We will recognise that light travels in a straight line and be able to explain how light travels from light sources to our eyes in order for us to see objects.

PE

In outdoor PE, our focus will be team games and Hockey. We will be refining our dribbling skills, working on passing to create attacking opportunities. We will then move on to refining our shooting skills. Indoor PE will focus on dance using The Planets suite by Gustav Holst as our stimulus. Children will put together a sequence of movements to create a

PSHE & RE

Using our **Jigsaw** scheme, we will consider how to make a good start to the new year, how to set goals, as well as how to cope when things get tricky. After half term, we will look at how we can celebrate difference in others. In **RE**, we will consider different faiths and beliefs. Our first half term will consider Hinduism and how Hindus show commitment to their beliefs; we will then focus on Christmas and its meaning.

Events

Year 5 are looking forward to their Bushcraft trip and working with the local PCSOs on the 'Mini Police' programme. Year 6 look forward to the return of Harvest as well as completing the 'Positive Minds' programme in conjunction with Watford FC.

French

In French we will learn how to describe our homes and their rooms in the topic 'chez moi'; after half term we will then tie our learning in with our overall topic and learn how to describe the different colours, sizes and distances of the different planets in our solar system.