

As Computer scientists, we will be developing our own games on Scratch, looking at how the algorithms are created. We will make our own algorithms, backgrounds and characters.

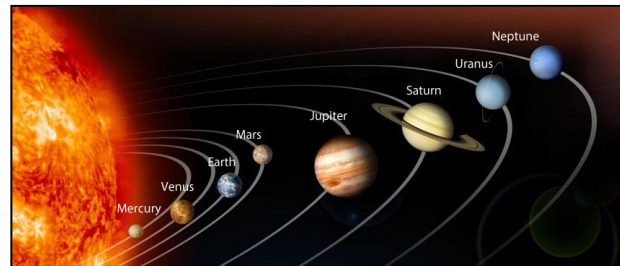
As Artists and design technicians, we will be creating planet and constellation based art using felting, collage and woodwork. We will also be looking closely at pictures of the moon, using these to create our own chalk-based art as well as creating art inspired by Peter Thorpe.

As Historians, we will be developing an understanding of the history of space travel, including learning about the first landing on the moon. We will learn about particularly famous space explorers, including Tim Peake.

As Scientists, we will be looking into scientific evidence that explains why we know the Sun, Earth and Moon are spherical, as well as identifying evidence that refutes these ideas. We will learn how to name, describe the features of, and order the planets in our solar system. We will learn how to explain the movement of the planets in our solar system, how to explain day and night in different parts of the Earth, and understanding how the Moon orbits the Earth.

As Readers and Writers, we will be exploring the book *Cosmic* by Frank Cottrell-Boyce and using it as inspiration to write our own adventure stories. We will then focus on poetry; reading, writing and performing free-verse and spoken word poetry.

To infinity and beyond



We will also be:

- Exploring what it means to 'belong' in PSHE lessons, focusing on respectful relationships, caring friendships and being safe.
- Developing our team-building skills within P.E. sessions, as well as developing a variety of sporting skills with our Premier Sport coach, Mr Johnson.
- Reading daily during whole class and group Guided Reading sessions.
- Learning new spelling and grammar rules within specified sessions and during English.
- Listen to, learn and appraise *Livin' on a Prayer* by Bon Jovi, as well as exploring *The Planets* by Gustav Holst in Music lessons.
- Use two different tenses to express emotions and talk about the future in French lessons.

As Mathematicians, we will be covering many areas of maths:

Number and place value:

- Reading, writing, ordering and comparing numbers to at least 1,000,000 and determining the value of each digit.
- Counting forwards and backwards with positive and negative whole numbers including through zero.
- Rounding to the nearest 10, 100, 1,000, 10,000 and 100,000.
- Read and write Roman numerals to 1000 (M).

Addition and subtraction

- Adding and subtracting mentally with increasingly large numbers.
- Adding and subtracting whole numbers with more than 4 digits, including using formal written methods.
- Solving multi-step problems in contexts.

In RE we will be learning about Hinduism. We will explore the key belief systems of this religion, looking carefully at the deities and making comparisons to Christianity.