

As Computer scientists, we will be developing our understanding of computer systems and how information is transferred between systems and devices. We will discover how information is found on the World Wide Web through learning how search engines work.

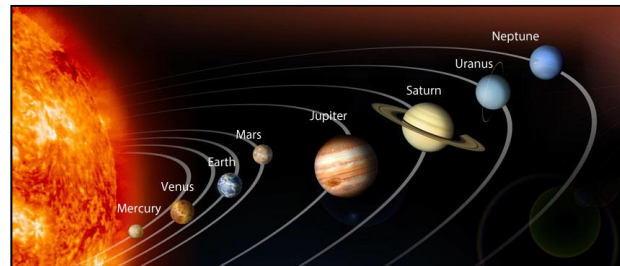
As Artists and design technicians, we will be creating art inspired by Peter Thorpe using pastels, as well as designing, making and evaluating our own moving moon buggies.

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 roughly spherical, as well as identifying evidence and theories that refute 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 be particularly focusing on the craft and construction of effective sentences, and how to build these to write a whole piece of text. We will then move on to poetry; we will be reading, writing and performing free-verse and spoken word poetry.

To infinity and beyond



We will also be:

- Exploring our basic rights, rules and responsibilities in PSHE lessons, as well as how these apply to children worldwide.
- Developing invasion games and gymnastics skills within P.E. sessions with Mrs Pugh and Miss Cooper.
- 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.