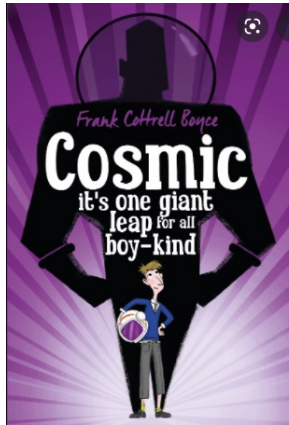


# Space

In English, this half term we will be exploring several books linked to space including Cosmic and Stanley in Space. Based on these we will be writing

- A sci-fi story focusing on setting description.
- An explanation text on how a moon buggy works.



In theme our lead subject will be science. We will be focussing on the solar system. Within theme we will be:

- Identifying all of the planets that make the solar system and exploring what they are made up of.
- Explain how night and day occurs.
- The phases of the moon.

In maths, this half term the children will be looking at shape and measure.

Our key learning will be about:

- Compare and order fractions whose denominators are all multiples of the same number.
- Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.
- Recognise mixed numbers and improper fractions and convert from one form to the other
- Add and subtract fractions with the same denominator and denominators that are multiples of the same number.
- Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.
- Read and write decimal numbers as fractions [for example,  $0.71 = \frac{71}{100}$ ]

In DT, we will be designing and making moon buggies using a range of techniques. Children will also have the opportunity to add motors to power their moon buggies.

In computing, children will become computer game programmers. They will be working on a platform called Scratch to design their own computer game.

In PSHE, we will be looking at how friends can communicate safely online. This will look at messenger devices including text messages.

In P.E, our indoor sport will be indoor athletics. The children will practice a range of activities such as jumping, balancing and sprinting. Our outdoor P.E will be handball.