Curriculum Information

Autumn 2 Year 5



Our topic this half term is 'The Solar System'.

5, 4, 3, 2, 1, Blast off! This half term, year 5 are taking a journey through space. We will navigate the Solar System to investigate the eight planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune. We will take a look at our Moon and learn about the high-stakes race to be the first to reach it and work scientifically to investigate gravity, and what happens when there is none.

As writers, we will be writing a cinquain poem about the planets of the Solar System. After this, we debate whether it was the USA or the USSR who won the space race, writing a balanced argument which shares both points of view. We will then write a biography all about NASA mathematician, Katherine Johnson.

As readers, we will read Leila Rasheed's 'Katherine Johnson (A Life Story)' - exploring the life of the inspirational NASA mathematician and, as Christmas approaches, we will be reading a shortened version the classic tale of 'A Christmas Carol' by Charles Dickens.

In Maths, we will learn about multiplication and division and fractions.

In Science, we will find out about the Solar System (including Earth and space).

In Computing, we will be honing our word processing skills using many of the features in Google Docs, and we will be looking at the importance of respect in online communication to avoid online bullying and to maintain a good online reputation.

In Art, we will be creating space themed paintings in the style of the artist Peter Thorpe.

In Design and Technology, we will also be designing, cooking and evaluating a cup-cake for a Christmas gift.

In Geography, we will be learning about Prime Meridian and different time zones. We will also be looking closely at aerial photographs.

In Languages, we will be learning about different cities in France and speaking, listening and writing about directions and asking for items.

In Music, we will be developing techniques to sing in a gospel style, recognising instruments by ear and learning to perform songs for our class assembly and Christmas Nativity production.

In PSHE, we will learn about relationships, particularly the importance of healthy friendships.

In PE, we will take part in dance and gymnastics activities.

In RE, we will learn about Christian beliefs and The Ten Commandments.