



# To Infinity and Beyond

## English

The children will use their newly acquired knowledge of space to write an information text about our Solar System in the first half term. Using other poetry as a stimulus, they will also create their own space themed poetry. As they learn about how significant individuals have impacted on Space travel, they will write a biography researching and presenting their information about a famous astronaut. Finally, using 'The Agents of Shield' as a stimulus they will write a narrative using all of the skills learnt in the Spring term.

## Maths

This term, the children will expand their understanding of the connection between fractions, decimals and percentages. They will add, subtract and multiply fractions and convert between mixed number and improper fractions. The children will also solve problems involving decimals and develop their understanding of percentages. In the second half term, they will learn to use formal written methods to multiply and divide 4 digit by 1/2 digit numbers.

## Wow Event!

Leicester Space Museum & Space Camp!

## Humanities

**History** Children will learn about the Space Race between USA and USSR and will look at evidence and propaganda released at the time. They will question the reliability of different sources before drawing conclusions. They will learn about the significant discoveries throughout history linked to space exploration.

**RE** We will focus on answering the following questions: What would Jesus do? Can we live by the values of Jesus in the 21st century?

**Languages** The planets, talking about myself and others and the seaside

**Geography** Using their knowledge of lines of longitude and latitude, children will learn about different time zones around the world.

## Computing

Children will use Scratch to design, write and create their own platform game in Scratch. They will also use animation software to interview a famous space person

## The Arts

**Music** Children will compose, perform and evaluate music using an outer-space video as a stimulus.

**Art & Design** In D&T, children will design, make and launch their own rockets. In art, they will recreate work based on the artist Peter Thorpe and will experiment with a range of media to depict the phases of the Moon.

## PSHE

This term we will be answering the questions—How can we help in an accident or emergency? What an emergency is, how to call 999 and basic first aid. How can we recognize and respect differences between people? Identity, challenging stereotypes, bullying and discrimination.

## Science

Children will research the planets of the Solar System and will learn about the history of scientific space theories.

They will conduct investigations to understand the reasons behind day and night and different time zones. They will plan an experiment to investigate how air resistance affects the speed of a falling paper spinner and how and why craters of different sizes are created. They will research the effects of gravity and plan an investigation to prove or disprove the theories of Galileo and Aristotle.