



# To Infinity and Beyond!

Year Five  
Autumn 2 2023

## Big picture

We know that when we look up at our sky we will see the Sun, the Moon and the stars. We take them for granted. But why are they there? What do they do? How do they affect the Earth? Astronomy, like all sciences, is about asking questions. In this topic we find out more about our solar system and the deeper mysteries of the universe.



### Key Texts:

War of the Worlds— Based on the novel by H.G Wells  
Firework Maker's Daughter— Philip Pullman  
Where once we stood—Christopher Riley

### As Writers we will:

- Use suspense to create characters, settings and plots.
- Create vivid images using figurative language.
- Use expanded noun phrases to convey complicated information.
- Use commas to clarify meaning and avoid ambiguity.

### As Scientists we will:

- Develop scientific enquiry questions.
- Research and record planetary data.
- Describe the movement of the Earth and other planets, relative to the sun in the solar system.
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky

### As Geographers we will:

- Investigate the structure of the Earth
- Understand how volcanoes are formed and why earthquakes happen
- Learn about the deadly effects of volcanoes and earthquakes
- Enquire about why people choose to live near volcanoes

### As Musicians we will:

- Be aware of how different parts of a performance fit together.
- Control breathing, posture and sound projection when singing.

### As Artists we will:

- develop our techniques and have an increasing awareness of different kinds of art.
- record our observations and use them to review and revisit ideas.
- plan, create and review a piece of art inspired by Andy Goldsworthy using range of natural materials.

Growing together

Opportunities for all

Learning for life

Daring to dream

Entry and Exit point

SMSC

Thinking skills and personal capabilities

**Entry point:** Homework museum to look at the projects created over half term.

**Exit point:** Planetarium trip

**As Philosophers we will be asking big 'why' questions, such as do other life forms exist? Can humans live elsewhere in the Universe?**

We will continue to develop our key skills of:

- resilience
- reflectiveness
- collaboration
- creative thinking
- independence