



Pioneers Autumn Term

Our Topics

This term we will look at Inspiring Pioneers, which will lead us onto Sparks and Circuits. We will explore historical trailblazers who redefined the boundaries of science, literature, aviation and technology. Through this topic, Year 4 will discover how creativity, scientific inquiry and historical context have shaped human progress.

Core Areas of Learning

In **English**, we will master key Year 4 grammar and punctuation concepts - such as fronted adverbials, expanded noun phrases, and appropriate choice of pronouns - while diving into the imaginative worlds of pioneer writers like Roald Dahl and Lewis Carroll. By exploring these authors' extraordinary lives and works, children will develop their own creative narratives, alongside structured biographies and newspaper reports. The curriculum then bridges into science-themed literacy, focusing on electricity and sci-fi writers, where pupils will learn to write informative posters, compose persuasive letters, and script dynamic news broadcasts.

In **Maths**, we will deepen our understanding of number and calculation by exploring place value up to 10,000, alongside mastering formal written methods for addition and subtraction. Moving onto concepts of multiplication and division, building fluency with all times tables up to 12 and applying these skills to calculate the area of rectilinear shapes. To ensure confidence and success, we will incorporate regular, focused sessions specifically designed to support and prepare children for the statutory Multiplication Tables Check.

In **Science**, we will be developing practical investigation and enquiry skills through the interactive topics of sound and electricity. Observing how sound travels, how it can be measured using comparative fair testing. In the electricity unit, they identify mains versus battery-powered appliances, physically construct simple series circuits, and test whether circuits will function.

In **Religious Education**, we will be looking at creation and fall through a theology lenses. We will be recapping the creation story and diving deeper into how events in history shape beliefs as well as looking at how other harvest festivals are celebrated around the world. Towards the end of the unit we will be exploring how Christians talk about God and what it means to Christians to feel belonged. Later in the autumn term we will be looking at the salvation and the meaning of the holy trinity to Christians.

History

In **History**, we will our enquiry skills examine the pioneers of settlement, survival and engineering from The Stone Age and The Iron Age. Then looking further to identify how other historical figures have been pioneers through the cause and effect of their work.

Computing

In **Computing**, we will continue to learn essential computing skills and online safety, as well as delving into how animation works and is created, unpacking hardware and software and looking into creating sound stories and composing.

Geography

In **Geography**, we will analyse and observe geographical landscapes and changes that can occur to these from both human intervention, and natural occurrences. This will challenge the class to use their inquiry and map work skills.

French

In **French**, we will be looking at "Moi dans le monde" meaning "Me in the world. Areas we will be focusing on are speaking, reading and writing with a range of songs to help us remember key vocabulary.

Art + Design Technology

In **Art and DT**, we will start by exploring pioneers in art. Looking at their technique and honing our sketching and painting skills to create our own pieces of Art. We will then explore designing and making a night light in DT.

Music

In **Music**, we will be creating and notating music using a range of instruments such as percussion drums, glockenspiels and recorders. Late in the autumn term we will be looking at singing and traditions. This will tie into the meaning of lyrics and where they come from.

PE

In **PE** –
Indoors: we will be doing gymnastics. Where we will explore balance grip and movement.
Outdoors: we will be doing netball. During these session we will explore skill required for invasion games.

PSHE

In **PSHE**, we will be looking at the importance of mental health and well-being. Then we will move on to the topic of managing risks, exploring online risks as well as ways no prevent risks and the difference between helpful and harmful drugs.