

History

The Stone Age to the Iron Age

In this unit, children will look at the changes in Britain from the Stone Age to the Iron Age and gain a greater understanding of periods of time and how people's lives changed from the earliest times. They will also look at the impact that new technologies had on Britain and everyday life.

Geography

What's in the News?

Children will focus on developing their knowledge about diverse people and places, natural and human environments to deepen their understanding of the Earth's key physical and human processes. They will deepen their understanding and develop knowledge of the formation and use of landscapes and environments, investigating how the weather impacts on people and places, resulting in Natural Disasters that make the news on a local, national and global scale.

Computing

Mars Rover 1

In this unit of learning, children will learn about the automated motor vehicle, Mars Rover, exploring how and why the Mars Rover transfers data as well as, understanding how messages can be sent using binary code. Children will also learn how to programme a Mars Rover, calculate binary addition and represent binary as text.

Mars Rover 2

In this unit, children will explore how the Mars Rover moves, follows instructions, collects, and sends data. Alongside this, they will deepen their understanding of how computers work, what data is and how it is transferred, and they will also strengthen their 3D design skills. Children will examine one of the most useful types of data received from the rover – images- and will learn how to reduce the file size so that they can be sent quickly.

MFL

A School Trip

In this unit, children will learn the vocabulary needed to talk about the journey when on a school trip. This will include learning the French version of the song 'The Wheels on the Bus' as well as, words associated with trips to a museum and the countryside. The unit also introduces the children to the present and future tense therefore, providing them with the opportunity to learn new sentence structures.

Seasons

This unit of learning covers vocabulary about the four seasons and activities that may be conducted during these times of the year. Children will learn how to say the date, which is useful for a variety of situations. The unit rounds off with some useful arts and crafts vocabulary and instructions in French that relate to making a lantern for Chinese New Year.

English

In English, children will explore a range of narratives, including adventure, mystery and science fiction. They will also have the opportunity to learn about and apply their understanding of a variety of non-fiction texts: non-chronological reports, explanation texts and persuasive writing. Additionally, the children will also focus on narrative poems.

Maths

In Maths, children will explore counting and place value, the four operations (addition, subtraction, multiplication and division), fractions, decimals and percentages, measurement (conversion), geometry (area, perimeter, volume and shape) and statistics (data handling). They will also strengthen their ability to solve problems and justify their reasoning when focusing on each of the different strands.

RE

What kind of king was Jesus?

By the end of this unit of learning, children will be able to:

- Explain the connections between biblical texts and the concept of the Kingdom of God
- Consider different possible meanings for a variety of biblical texts, showing awareness of different interpretations
- Make clear connections between belief in the Kingdom of God and how Christians put their beliefs into practice in different ways, including in worship and in service to the community
- Relate Christian teachings or beliefs about God's Kingdom to the issues, problems and opportunities of their own lives and the life of their own community in the world today, offering insights about whether or not the world could or should learn from Christian ideas

How can following God bring freedom and justice?

By the end of this unit of learning, children will be able to:

- Explain the connections between the story of Moses and the concepts of freedom and salvation, using theological terms
- Make clear connections between a variety of Bible texts and what Christians believe about being the People of God and how they should behave
- Explain ways in which some Christians put their beliefs into practice by trying to bring freedom to others
- Identify ideas about freedom and justice arising from their study of Bible texts and comment on how far these are helpful or inspiring, justifying their responses

Personal Life Skills

Health and Wellbeing

In this unit, children will learn about healthy sleep habits, sun safety, medicines, vaccinations, immunisations and allergies. They will then explore their own personal identity (recognising individuality and different qualities) and mental wellbeing. Children will also learn how to keep safe in different situations, including responding in emergencies, first aid and FGM.

Art and Design Perspective

In this unit, children will initially look at Renaissance art and how perspective was introduced during this time period. Children will explore lines and vanishing points, as well as shading techniques, to investigate how they are used to create perspective. Children will then use their skills to create a painting of a street showing the period features of this time. Throughout lessons, children will discuss their own and each other's learning which will help them to positively evaluate and develop their skills.

Design Technology Controllable Vehicles

In this unit, children will develop their understanding of how products can be driven by electricity. They will learn how to use motors within their models and how to control the speed and direction of movement. They will use a range of materials and components to develop their skills, knowledge and understanding. The children will produce a framework structure that will be controlled by an electrical circuit. The children will develop this structure with appropriate finishing techniques to create a quality product.



The Stone Age to the Iron



PE

In PE, children will have the chance to explore the games of Ultimate Frisbee (through invasion games) and striking and fielding cricket.

Science

Living Things and Their Habitats

In this unit of learning, children will investigate the different life cycles in mammals, amphibians, insects, birds and plants. They will then use their learning to compare the similarities and differences between them. Children will learn the scientific vocabulary used to describe the reproduction process in each of these living things. If successful, children will even reproduce plants using cuttings in the classroom.

Animals including Humans

In this unit of learning, children will explore and describe the changes that occur as humans develop to old age. They will use correct scientific vocabulary to describe the gestation period as well as, the six stages of the human life cycle. Children will analyse data to look for any correlation between gestation and life expectancy. They will also consider what factors contribute to remaining healthy into old age.