

Year 4 Spring Term Overview

Reading

In Autumn 1 children will be reading *How To Train Your Dragon* by Cressida Cowell and in Autumn 2 the children will read the classic tale *Charlotte's Web* by E.B. White. During daily reading lessons, the children will practise a range of reading skills, including: retrieval (finding information), inference (using clues to deduce information), summary, and analysis of vocabulary. They will also make predictions, identify features of different texts and make comparisons between books.

Writing

In Autumn 1 the children will be writing a narrative based on the short film *Feast* by Disney. The children will also be introduced to the key elements needed to write a balanced argument on whether visitors at national parks should be able to feed the animals.

In Autumn 2 the children will learn to write a biography which will be based on the life of Nikola Tesla. They will also explore the science fiction genre using features from the story *Ironman* by Ted Hughes.

Maths

- Place Value
- Addition and Subtraction
- Area
- Length & Perimeter
- Multiplication and Division

Reasoning and problem-solving skills will be developed throughout every unit of learning.

See the webpage linked below for the full Year 4 overview of our Maths curriculum.

<https://whiteroseeducation.com/resources?year=year-4-new&subject=maths>

History

How have children's lives changed?

The children will investigate the changes in children's lives through time, children will learn how children's spare time, health and work have changed. They will explore work in more detail, learning about a day in the life of a working child and the significance of Lord Shaftesbury in changing the lives of children.

Religious Education

How did belief in God affect the actions of people in the Old Testament?

In Autumn 1 children will learn the stories of Abra(ha)m, Moses and Ruth. They will learn to understand how each person's belief in God affected their actions. They will also learn how sacred stories can have an impact on a believer's life and what they can teach them about their faith and life.

Is the Christmas message of peace still relevant for today's world.?

In Autumn 2 the children will explore the meaning of internal and external peace and develop an understanding of why Jesus is referred to as the Prince of Peace and what the Bible says about Jesus' message of peace.

Science

Animals: Digestion and food

The children will learn to describe the function of key organs in the digestive system. They will identify the types of human teeth and investigate factors that impact our dental health. They will also compare human teeth to other animals' and take on the role of a naturalist investigating animal faeces for clues about diet, digestion and dentition.

Electricity and circuits

Children will explore appliances in their setting that use electricity, and learn how to work with electricity safely and build circuits. Children will investigate electrical conductors and insulators and explore the relationship between the number of cells and bulb brightness. Real scenarios and historical discoveries inform children about scientific progression and home safety.

Geography

Where does our food come from?

In Geography the children will be looking at the distribution of the world's biomes and mapping food imports from around the world. They will be learning about trading fairly, focusing on Côte d'Ivoire and cocoa beans; exploring where the food for the children's school dinners comes from and the argument of 'local versus global'.

Art and Design

Drawing: Power prints

Using mechanical engravings as a starting point, children will develop an awareness of proportion, composition and pattern in drawing and combine media for effect when developing a drawing into a print.

Design Technology

Cooking and nutrition: Adapting a recipe

The children will learn a basic biscuits recipe and adapt it to suit a target audience. They will also create a budget and analyse the impact packaging has on consumers before designing their own.

Music

Haiku

This Japanese inspired topic looks at the springtime festival of Hanami. Children use descriptive vocabulary to create a Haiku, put it to music and finally add percussion sound effects to bring all elements together.

Rock and Roll

Learning about the origin and features of rock and roll music, pupils learn how to play the Hand Jive and Rock Around the Clock, looking specifically at a walking bass line.

PSHE

Health and Wellbeing

In PSHE lessons, will learn that learning that we experience a range of emotions and are responsible for these; appreciating the emotions of others and developing a growth mindset.

Families and relationships

Children will learn that families are varied and differences must be respected. They will develop an understanding of physical and emotional boundaries in friendships; how behaviour affects others; and bereavement.

Computing

Computing systems and networks:

Collaborative learning

Children will explore how to work collaboratively using various software and collaborative tools such as online software for documents, presentations, forms and spreadsheets.

Programming 1: Further coding with Scratch

Children will learn the basics of programming in Scratch and will create a simple script, use decomposition and understand what variables are.