

Year 4 Spring Curriculum Map

What country would you most like to explore?

Purpose of the theme:

- To broaden children's horizons and allow them to discover the size of the world we live in.
- To delve into different countries and cultures from around the world and identify similarities and differences with our own.



English

Key texts: The Boy Who Biked the World, Shackleton's Journey

Writing: Children will write more extended pieces of work covering a variety of genres. This will begin with a narrative story integrating dialogue to convey character. Followed by diary writing and a persuasive text in the form of a brochure to convince people to use the children's travel company to visit places around the world. Other writing this term will be linked to our science experiments and an explanation text on the water cycle, research about different explorers and similarities and differences between countries.

Children will continue to increase their grammatical terminology throughout the term.

Word Reading / Comprehension Outcomes:

Children will follow the adventures of a boy called Tom, who feels there must be more to life than school and embarks on a cycling journey through Europe to South Africa. This will allow children to enhance their comprehension skills such as prediction, retrieval and inference skills based on the book, 'The Boy Who Biked The World'. In addition to this, children will also explore the non-fiction text Shackleton's Journey, the true story of how Shackleton and his companions endured the hardships they faced, and ultimately managed to survive their perilous adventure.

Spelling Outcomes:

Over the course of the term, the children will be focusing on various spelling rules. We will focus on spelling words with the /s/ sound spelt with 'sc.' and words with the prefixes in-, il-, im-, ir-, sub-, super-, anti-, auto-, inter-, ex-, and non-. It is also important that children focus on being able to spell the Year 3 and 4 Statutory spellings. If you would like a copy of these words, please ask your child's teacher.

Focus Spelling Words:

Purpose, quarter, question, recent, regular, reign, remember, sentence, separate, special, straight, strange, strength, suppose, surprise, therefore, though/although, through, various, woman/women

Maths

Key Instant Recall Facts (KIRFs)

In Spring term, our KIRFs in Year 4 are to be able to recall the 7x, 9x, 11x, and 12x table multiplication and division facts e.g.

$$7 \times 3 = 21 \qquad 21 \div 3 = 7$$

$$3 \times 7 = 21 \qquad 21 \div 7 = 3$$

They will also need to work on deriving decimal equivalents quickly of any amount of tenths and hundredths E.g: $4/10 = 0.4$ $72/100 = 0.72$

Multiplication and Division

Children will develop their knowledge of multiplying 2 and 3-digit numbers by a 1-digit number using the formal written layout and use factor pairs in mental calculations. Children will continue to develop their recall speed of various times tables up to 12x12.

Fractions

We will look at families of common equivalent fractions, including adding and subtracting of fractions with the same common denominator. This knowledge will be used to solve worded questions with increasingly harder fractions.

Decimals

Recognising and writing the decimal equivalent of tens and hundredths, dividing 1 and 2-digit numbers by 10 and 100 identifying the digit value as ones, tenths and hundredths. We will use this knowledge to solve simple measure and money problems involving fractions and decimals to two decimal places.

Science

Focus: Changing environments and the dangers to specific habitats. Adaptation of plants and animals. Materials and their different states as a result of temperature changes.

Outcomes:

Children will explore environments, why they change and the danger that this can pose to specific habitats and animals. They will look at how animals and plants are suited to and adapt to their environment for survival. Through scientific experimentation, children will explore how materials change state when they are heated or cooled and compare materials according to their solid, liquid or gaseous state. Finally, children will explore the water cycle, identifying the part played by evaporation and condensation and the effect of temperature on this.

Humanities

History Focus: Chronology, timelines, world explorers, sources and accounts.

Outcomes:

Children will build on their knowledge of chronology and explore the importance of this when they order and compare key world explorers throughout history. Alongside this, we will explore accounts of key events, similarities and difference and how this has impacted the course of history and contributed to future discoveries. Children will also continue to explore the difference between types of historical sources and artefacts and discuss their reliability based on this.

Geography Focus: Continents, oceans, physical and human geography, the equator and Northern and Southern hemispheres, time zones, the water cycle and grid references.

Outcomes:

Children will explore countries of Europe, identifying their main physical and human characteristics. They will compare the characteristics associated with geographical areas between countries. Using maps, atlases, compasses and grid references, they will communicate knowledge of the UK and the wider world.

Art and DT**Art Outcomes:**

In Art this term, we will be experimenting with combining artforms such as collaging and painting using a variety of natural materials. Children will have the opportunity to explore how to bring different media together both technically and visually and will build on these ideas to create a painting in the style of Frances Hatch.

DT Outcomes:

In DT, children will be planning, creating and evaluating a mechanical system with a focus on pneumatics. They will design a moving object or toy of their choice and evaluate their considerations for their chosen target audience.

Music

Focus: Around the world - exploring pitch, communication - composition skills and children will continue playing the recorder.

Outcomes:

Children will play more complex recorder pieces, explore the pentatonic scale and play melodies accurately and will create music to convey a meaning.

French**Outcomes:**

Children will learn how to build sentences to describe parts of the body based on a French story. We will also learn how to ask and answer questions about pets, conducting our own survey.

R.E**Outcomes:**

This term, we will begin to look at the diversity of belief in different religions, nationally and globally. Children will also explore the key beliefs and teachings of another religion and make comparisons to Christianity.

PSHRE**Outcomes:**

Children will explore what it means to be proud and the traits such as grit, determination, resilience and perseverance and the positive effect they can have. They will also look at healthy behaviours and food choices.

P.E.**Outcomes:**

In Indoor PE this term, we are learning to develop our gymnastic skills.

In Outdoor PE this term, we are learning the team game of hockey. Some children will alternatively be going swimming this term.

Computing

Focus: This term, children will be developing their programming skills by creating their own webpage.

In E-Safety, we will develop an understanding of how to stay safe online when gaming..