

A vibrant, cartoon-style illustration of a spring landscape. The scene features rolling green hills under a bright blue sky filled with soft, white clouds. A multi-colored rainbow arches across the middle ground. In the foreground, there are various flowers, including pink tulips and white daisies. A few small birds are scattered throughout the scene, adding to the lively atmosphere.

Year 4

**Spring
Overview**

Year 4 Spring Overview

English

RWI Spelling

Henry's Freedom Box by Ellen Levine

Writing Outcomes:

- Diary
- Biography

The Promise by Nicola Davies

Writing Outcomes:

- Character Narrative
- Bargain Letter

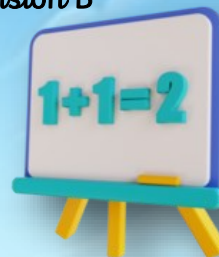
Within each of the units, we will learn about a range of sentence styles including those with varied punctuation.



Maths

NUMBER - Multiplication & Division B

- Factor pairs
- Use factor pairs
- Multiply by 10
- Multiply by 100
- Divide by 10
- Divide by 100
- Related facts - multiplication and division
- Informal written methods for multiplication
- Multiply a 2-digit number by a 1-digit number
- Multiply a 3-digit number by a 1-digit number
- Divide a 2-digit number by a 1-digit number
- Multiply a 3-digit number by a 1-digit number
- Correspondence problems
- Efficient multiplication



MEASUREMENT - Length & Perimeter

- Measure in kilometres and metres
- Equivalent lengths (kilometres and metres)
- Perimeter on a grid
- Perimeter of a rectangle
- Perimeter of rectilinear shapes
- Find missing lengths in rectilinear shapes
- Calculate the perimeter of rectilinear shapes
- Perimeter of regular polygons
- Perimeter of polygons

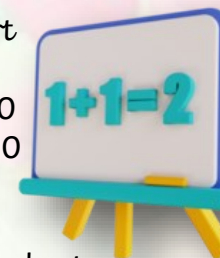
Maths *continued*

NUMBER - Fractions

- Understand the whole
- Count beyond 1
- Partition a mixed number
- Number lines with mixed numbers
- Compare and order mixed numbers
- Understand improper fractions
- Convert mixed numbers to improper fractions
- Convert improper fractions to mixed numbers
- Equivalent fractions on a number line
- Equivalent fraction families
- Add two or more fractions
- Add fractions and mixed numbers
- Subtract two fractions
- Subtract from whole amounts
- Subtract from mixed numbers

NUMBER - Decimals A

- Tenths as fractions
- Tenths as decimals
- Tenths on a place value chart
- Tenths on a number line
- Divide a 1-digit number by 10
- Divide a 2-digit number by 10
- Hundredths as fractions
- Hundredths as decimals
- Hundredths on a place value chart
- Divide a 1- or 2- digit number by 100



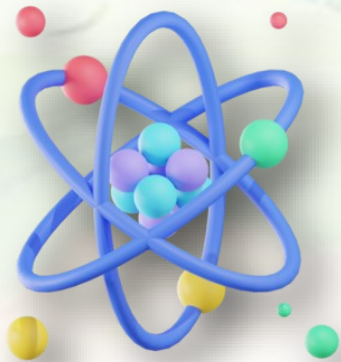
Science

Animals including humans

- To identify the organs in the digestive system.
- To describe the functions of the main organs in the digestive system.
- To identify the types of human teeth and their functions.
- To investigate the effects of different liquids on teeth.
- To understand food chains
- To explore food webs.

Living things and their habitats

- To explore different habitats.
- To research a habitat.
- To explore how animals can be classified.
- To create a classification key.
- To understand adaptations and classification within species.
- To explore and classify pond plants.



Design & Technology

Digital world - wearable technology

- To research and evaluate existing products.
- To develop design criteria.
- To use code to program and control a product.
- To develop and communicate ideas.
- To develop ideas through computer-aided design.
- To improve a design based on feedback.



Art

Sculpture and 3D: Abstract shape and space

- To join 2D shapes to make 3D structures.
- To join materials in different ways when working in 3D.
- To develop ideas for 3D artwork.
- To apply knowledge of sculpture when working in 3D.
- To evaluate and improve an artwork.



Computing

Spreadsheets

- To recap spreadsheet terms and purposes.
- To add and edit data in a table layout.
- To find out how spreadsheet programs can automatically create graphs from data.
- To learn about describing cells using their addresses.
- To use formulae to complete calculations
- To explore the use of the timer, random number and spin button tools.
- To interpret a line graph to estimate values between data readings.
- To create a spreadsheet file with more than one sheet.

Writing for different audiences

- To explore how font size and style can affect the impact of a text.
- To use a simulated scenario to produce a news report.
- To use a simulated scenario to write for a community campaign.



History

What did the Greeks do for us?

- To understand where and when the ancient Greeks lived.
- To understand the importance of the Greek gods.
- To identify similarities and differences between Athens and Sparta.
- To understand how Athenian democracy worked.
- To understand the importance of the ancient Greek philosophers.
- To identify and explain the achievements of the ancient Greeks
- To understand how society is organised in different cultures, times and groups.
- To be able to identify the achievements of civilisations and explain why these achievements were so important.
- To understand the term "century" and how dating by centuries works. (e.g. the 1500s are known as the 16th century)
- To understand how to work out durations of periods and events.



Geography

Why do oceans matter?

- To explain the importance of our oceans.
- To locate and describe the significance of the Great Barrier Reef.
- To explain the impact humans have on coral reefs and oceans.
- To understand ways to keep our oceans healthy and begin planning a fieldwork enquiry.
- To collect data on the types of litter polluting a marine environment.
- To present, analyse and evaluate data collected.



RE

Should a person's religion believe always come first in their life?

- To analyse how diverse expressions of Christian worship can reinforce faith & belief.
- To describe three ways in which Muslim worship shows devotion to Allah making reference to life at home and in the mosque.
- To analyse and evaluate Hindu beliefs about reincarnation, vegetarianism & caring for the environment.
- To explain the Hindu idea of 'Karma and how actions have consequences. Compare and contrast with similar values found in other religious/non-religious viewpoints studied.



PSHRE

Diverse Britain

- To talk about the range of faiths and ethnicities in our nation and identify ways of showing respect to all people
- To explain what a community is and what it means to belong to one.
- To explain why and how laws are made and identify what might happen if laws are broken.
- To discuss the terms democracy and human rights in relation to local government.
- To discuss the terms democracy and human rights in relation to national government.
- To investigate what charities and voluntary groups do and how they support the community.

PSHRE *continued*

Be yourself

- To explain why everyone is unique and understand why this should be celebrated and respected.
- To explain why I should share my own thoughts and feelings and I know how to do this.
- To explore uncomfortable feelings and understand how to manage them.
- To understand why we sometimes feel shy or nervous and know how to manage these feelings.
- To identify when I might have to make different choices from those around me.
- To explore how it feels to make a mistake and describe how I can make amends.



MFL (French)

Alien faces and family

- To learn about Epiphany celebrations in France.
- To learn some nouns for family members.
- To write some personal information about a family member.
- To understand and say some parts of the face.
- To understand simple sentences using numbers and parts of the face.
- To write some simple sentences to describe an alien.

Moving our bodies

- To say nouns for parts of the body.
- To understand how to use colours to describe an alien.
- To write descriptions of an alien including numbers and colours.
- To join in and create a body scan sequence.
- To join in a yoga sequence in French.
- To create a yoga sequence in French.



Music

Paint a Picture

Vikings

Skills covered by the end of Year 4:

- To perform a simple part rhythmically.
- To sing songs from memory with accurate pitch.
- To improvise using repeated patterns.
- To use notation to record and interpret sequences of pitches.
- To use notation to record compositions in a small group or on my own.
- To explain why silence is often needed in music and explain what effect it has.
- To identify the character in a piece of music.
- To identify and describe the different purposes of music.
- To begin to identify the style of work of Beethoven, Mozart and Elgar.



Physical Education

Swimming (by the end of KS2)

- To swim competently and confidently over a distance of 25m.
- To use a range of strokes effectively.
- To perform safe self-rescue in different water-based situations

Gymnastics - Rolls, jumping and balance

- To move in a controlled way, include change of speed and direction in a sequence.
- To work with a partner to create, repeat and improve a sequence with at least three phases

