



# Curriculum Overview



Autumn Term



Year 4



## English

### Narrative: Fables

This unit on fables provides pupils with an understanding of stories that contain a moral or a lesson for human behaviour. The approach moves systematically from pupils' exposure to hearing and reading fables, through a variety of responding opportunities, to the production of original stories. Fables show us the strengths and weaknesses inherent in human nature by contrasting behaviours such as fast and slow, loud and quiet. There is still some controversy over the origin of fables by Aesop. Some say he wrote fables, others say that he never existed; still others say that there were many writers of fables and these were collected by Aesop. Hence, fables come from all parts of the world.

### Poetry: Creatures Great and Small

This unit introduces pupils to different kinds of poetry based on the theme of creatures great and small. Poetry has the power to bring children up close to the beauty of nature and enable them to travel the world in their mind's eye to see the variety of wild life in their various habitats. Pupils will be expected to engage with a wider range of literary language and poetic devices. They will learn how poetry can be used to present different perspectives and to position the reader.

## Maths



### Number: Multiplication and Division

- recall multiplication and division facts for multiplication tables up to  $12 \times 12$
- use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers
- multiply two-digit and three-digit numbers by a one-digit number using formal written layout
- solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit.

### Measurement

- Convert between different units of measure [for example, kilometre to metre; hour to minute]
- read, write and convert time between analogue and digital 12- and 24-hour clocks
- solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.
- Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
- Find the area of rectilinear shapes by counting squares
- Solve simple measure and money problems involving fractions and decimals to 2 decimal places.
- Estimate, compare and calculate different measures, including money in pounds and pence

## Maths (continued)

- Round any number to the nearest 10, 100 or 1000
- Solve number and practical problems that involve all of the above and with increasingly large positive numbers.

### Number: Fractions (including decimals)

- Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.

### Number: Addition and Subtraction

- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.
- Estimate and use inverse operations to check answers to a calculation.
- Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.
- Recognise and show, using diagrams, families of common equivalent fractions
- Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number
- Add and subtract fractions with the same denominator  
Measurement estimate, compare and calculate different measures, including money in pounds and pence  
Geometry: Position and Direction describe positions on a 2-D grid as coordinates in the first quadrant describe movements between positions as translations of a given unit to the left/right and up/down

### Statistics

- Interpret and present discrete data using appropriate graphical methods, including bar charts.
- Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.\

### Geometry: Properties of Shape

- Compare and classify geometric shapes, including quadrilaterals and triangles based on their properties and sizes.
- Identify acute and obtuse angles and compare and order angles up to two right angles by size.

### Geometry: Position and Direction

- Describe positions on a 2-D grid as coordinates in the first quadrant describe movements between positions as translations.

# Religious Education



## Creation and the Story of Abraham to Joseph

The children will hear and learn about some important stories from the Book of Genesis. They will explore some important images of God found in these stories and consider what it means for human beings to be made in the image and likeness of God.

## Jesus Teaches us to Pray.

In this unit the children will learn about the prayer life of Jesus as he grew up in the Jewish faith. The children will be introduced to some prayers from the Old Testament and they will consider the importance Jesus attached to prayer. The children will study the Our Father, the prayer of the Rosary and some other forms of prayer as part of this unit.

## Advent

In this unit of work the children will learn about the ancestors of Jesus and that he was descended from the House of David. Through this work the children will be able to place the story of the first coming of Jesus into an historical context.

## Christmas

In this unit of work the children will study the role of angels in the story of Christmas. They will learn about Christians being messengers of Christ's Good News in the world today and how the Church celebrates the Feast of Christmas.

## Art and Design

### Painting and Mixed Media

- Light and Dark



## Computing

### Computer Systems and Networks: Collaborative Learning.



Children will learn that software can be used collaboratively online to work as a team.

They will know what type of comments and suggestions on a collaborative document can be helpful and that you can use images, text, transitions and animation in presentation slides.

## Music

### Solihull Music Service

Solihull Music Service will be coming in every Tuesday morning to teach Year 4 brass!

## Design and Technology

### Mechanical Systems: Slingshot Cars

Children will be able to make an accurate, functioning car chassis and wheels, conducting a trial to make sure it works effectively.

### Textiles : Fastenings

Children will be making book fastenings whilst exploring a range of materials and textiles.

## Spanish

Children will learn numbers to 31, months of the year, seasons, birthdays and Spanish exclamations!



## History

### How have children's lives changed?

Pupils will be investigating a variety of sources to deduce how children's lives have changed throughout history. Spanning from ancient times, through to the Middle Ages and the modern era.



## Geography

### Why are rainforests important to us?

Pupils will be able to articulate why the Amazon rainforest is important to us and how humans are having a negative impact on the Amazon. They will investigate action that can be taken to help.

## Physical Education

- Netball
- Eco Warrior Dance
- Tag Rugby
- Mini Muay Thai



## P.S.H.E.

Pupils will discuss ways in which they can try to make our school community a better place. They will collaboratively learn how to work well with others, care about other people's feelings, appreciate everybody's right to learn, developing key teamwork skills throughout.

## Science

### Electricity

Pupils will learn about electricity, how to use it safely and which electrical items need batteries and which need mains. They will conduct experiments using circuits and be able to describe the components.

### States of Matter

Children will discuss the different states of matter and their properties. They will carry out a variety of experiments to differentiate between solids, liquids and gases.