



# Curriculum Overview



Year 6

## English



### Narrative Poetry: Stories for the Telling

This unit focuses on narrative poetry created by significant poets from our literary heritage. The selected poems are rich in composition, language and vocabulary for pupils to enjoy and explore. They cover a range of themes that challenge pupils to interpret character, motive and consequences at a more sophisticated level. Drama is used to support pupils to engage more deeply and thoughtfully with the content of the poems.

### Multi Genre: Children of Conflict

This unit explores ways in which authors portray and communicate the effects of war and conflict on the lives of children and others in the past. A range of literature in varied styles and presentation brings together words and images of key events from the first and second world wars and supports pupils to understand these from a range of perspectives. The texts are multi-layered, covering a wide range of issues and themes that will make demands on pupils' comprehension and writing skills.

## Maths



### Number: Place Value

- read, write, order and compare numbers up to 10 000 000 and determine the value of each digit
- round any whole number to a required degree of accuracy
- solve number and practical problems that involve all of the above.

### Number: Addition, Subtraction, Multiplication & Division

- multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication
- divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division.
- divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context.

## Maths (continued)

- use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy.

### Ratio & Proportion

- solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts
- solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison
- solve problems involving similar shapes where the scale factor is known or can be found solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.

### Fractions

- use common factors to simplify fractions
- use common multiples to express fractions in the same denomination add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions

### Measurement

- recognise that shapes with the same areas can have different perimeters and vice versa recognise when it is possible to use formulae for area and volume of shapes calculate the area of parallelograms and triangles

### Algebra

- use simple formulae express missing number problems algebraically find pairs of numbers that satisfy an equation with two unknowns



# Religious Education



## The Story of the People of God

The children will be taught that the Bible is a library of books that can be placed into different categories. They will be able to identify some styles of literature found in the Bible. They will know some stories of significant people from the Old Testament and will be able to discuss the relationship these people had with God. They will know and be able to reflect on the Commandments.

## The Followers of Christ

Pupils will learn that Jesus called many people to follow him. They will be able to identify reasons why these people responded to his call. The children will understand that following Christ sometimes demands sacrifices and they will be able to identify some vocations that exist in the life of the Church.

## Celebrating the Life of Mary and the Saints

In this unit we explore some of the Church's beliefs about the Blessed Virgin Mary and the feasts that are celebrated in her honour. The children will consider why her role in the life of Christ was so important. Children will also learn about Mary and the saints being united with Christ in heaven. They will explore devotions and prayers in honour of the Blessed Virgin Mary and the saints.

## Advent

In this unit the children will be given opportunities to develop their knowledge and understand of the two parts of the Season of Advent. A time to prepare for Christ to come again and a time to prepare to celebrate his birth at Christmas. Through some Parables of Jesus and some of the prayers and hymns of the Church they will explore these themes.

## Christmas

In this unit of work, the children will explore the story of the birth of Christ from the Gospel of St. Matthew and the Gospel of St. Luke. They will also learn about some images of Christ that are found in the Prologue to the Gospel of St. John.

## Art and Design

### Painting and Mixed Media

- Artists Study
- Still life



## Computing

### Computer Systems and Networks: Bletchley Park



Pupils will discover the history of Bletchley Park, historical figures, and computer science. Children learn about code-breaking and password hacking as well as decoding messages. Children present information about historical figures.

## Music

### Advanced Rhythms

Children explore rhythmic patterns in order to build a sense of pulse and use this understanding to create a composition.

## Design and Technology

### Structures: Playgrounds

Pupils will research existing playground equipment and their different forms, before designing and developing a range of apparatus to meet a list of specified design criteria.

### Mechanical Systems: Automata Toys

In this unit, children will develop a functional automata window display, to meet the requirements in a design brief. We will explore and create cam, follower and axle mechanisms to mimic different movements.



## Science

### Living things and their habitats

We will explore conditions for life and the differences between living and non-living things. Pupils will learn about each type of organism and their characteristics. We will look at the classification system in more detail and discuss reasons why animals are placed in one group and not the other. We will investigate how we can identify, group and classify animals, plants and microorganisms and describe what bacteria, viruses and fungi look like and what diseases or infections they may cause.

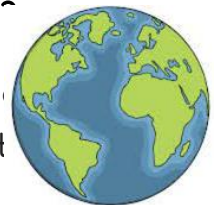
### Electricity

Pupils build on their learning from Year 4 to learn more about circuits, including how to use recognised symbols to represent circuits. They will investigate how to change the amount of electricity flowing round a circuit, looking at how different components affect the flow of electricity and at the difference that the length and thickness of wires can make. They will learn about series and parallel circuits and they will use their knowledge of electricity to build games that use electric circuits.

## History

### What was the impact of World War 2 on the people of Britain?

Pupils will be investigating the causes of WW2; learning about the impact of WW2 on the people of Britain; investigating the impact of the Blitz and evacuation on the people of Britain; and evaluating the effectiveness of primary sources.



## Geography

### Why does population change?

Investigating why certain parts of the world are more populated than others; exploring birth and death rates; discussing social, economic and environmental push and pull factors; learning about the population in Britain and its impacts.



## Physical Education

- Swimming
- Leadership skills
- Multi-skills in ball games
- Dance linked to WW2



## P.S.H.E.

Pupils will learn how to explain ways in which difference can be both a source of conflict or a cause for celebration. They will explore how they can show empathy with people in either situation, We will consider ways in which we can work with others to make the world and better place and explain our motivations to do this.

## Spanish

Children will learn to describe themselves and others, give opinions and ask questions in conversations.

