

Year 6

Autumn 2

## Mathematics

The children will:

Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit

Round any whole number to a required degree of accuracy

Use negative numbers in context, and calculate intervals across zero

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, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context

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

Perform mental calculations, including with mixed operations and large numbers

Identify common factors, common multiples and prime numbers

Use their knowledge of the order of operations to carry out calculations involving the four operations

## Mathematics—Basic skills

The children will:

Count forward and backwards in steps of powers of 10 for any given number up to 10 000 000

Count forwards and backwards with positive and negative whole number including zero and calculate intervals across zero

Read, write, order and compare numbers up to 10 000 000 and determine the place value of each digit

Partition numbers into place value columns

## Literacy

### Biography and Autobiography

The children will:

#### Immersion

Explore the autobiography and biography of particular people as presented in a range of different text.

Build up a picture of the life from the various perspectives offered, as well as discussing and evaluating the differences between the texts.

Understand the terms 'biography' and 'autobiography' and can use them appropriately.

Capture ideas, language and learning to be able to use and apply in the writing phase.

#### Analysis

Analysis Reread and analyse some of the biography text, identifying key language, structure, organisation and presentational features as preparation for writing.

Recognise the structure and language, organisational and presentational features of different forms of biography. Include incidental writing opportunities.

#### Writing

Write an effective biography or autobiography selecting language, form, format and content to suit a particular audience and purpose.

## Literacy

### Arguments—Balanced and Unbalanced

The children will:

#### Immersion

Explore examples of balanced and unbalanced arguments.

Explore a controversial issue through reading and discussing a wide range of texts

Identify bias when considering a controversial issue. Identify when it is appropriate to use formal and impersonal language.

#### Analysis

Identify and display the features of balanced and unbalanced arguments.

Explore one or more issues through discussion, debate and role-play, and practise the oral presentation of both one-sided and balanced arguments.

Use clear language and appropriate presentational features both to present a particular case (argument) and to provide a balanced overview (discussion).

#### Writing

Write both an effective argument for a particular case and a balanced discussion of an issue, selecting language, form, format and content to suit a particular audience and purpose. Plan, draft, edit and review.

## Grammar, Punctuation and spelling

The children will:

Use passive verbs to affect the presentation of information in a sentence

Use the perfect form of verbs to mark relationships of time and cause

Use expanded noun phrases to convey complicated information concisely

Use modal verbs or adverbs to indicate degrees of possibility using relative clauses beginning with who, which, where, when, whose, that or with an implied (i.e. omitted) relative pronoun

Learn the grammar for years 5 and 6 in English Appendix 2 indicate grammatical and other features by

Use commas to clarify meaning or avoid ambiguity in writing

Use hyphens to avoid ambiguity

Learn Words with the /i:/ sound spelt ei after c. Words containing the letter-string ough Words with 'silent' letters Homophones and other words that are often confused

## Come and See R.E.

### Loving -

Know and understand:

- The love and care of people – **Explore**
- God's love is unconditional and never ending – **Reveal**

Acquire the skills of assimilation, celebration and application of the above – **Respond**

### Vocation and Commitment -

Know and understand:

- Commitment in life – **Explore**
- The vocation to the priesthood and religious life – **Reveal**

Acquire the skills of assimilation, celebration and application of the above – **Respond**

### Expectations -

Know and understand:

- The meaning of expectation – **Explore**
- Advent, a time of joyful expectation of Christmas, the Word becoming a human person, Jesus – **Reveal**

Acquire the skills of assimilation, celebration and application of the above – **Respond**

## Science

### **The children will be taught:**

The Classification of living things  
About Vertebrates and invertebrates

To classify reptiles, amphibians, mammals, insects, etc.

## P.E.

### **The children will be taught:**

#### **Swimming:**

- swim competently, confidently and proficiently over a distance of at least 25 metres
- use a range of strokes effectively [for example, front crawl, backstroke and breaststroke]
- perform safe self-rescue in different water-based situations.

## History

### **The children will be taught:**

To complete a local history study to focus on crime and punishment through history.  
Chronologically secure knowledge and understanding of British, Local and World history

To understand Connections, contrasts and trends over time

To use appropriate use of historical terms

To Change, cause, similarity and difference, and significance

To understand the range of sources for information

To understand the long arc of historical development

To understand the methods of historical enquiry, including how evidence is used rigorously to make historical claims, and discern how and why contrasting arguments and interpretations of the past have been constructed

## Geography

### **The children will be taught:**

To locate the world's countries in **South America**, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities (recap on North America) - Amazon focus

To use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied

To identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, tropics of Cancer and Capricorn, Arctic and Antarctic circle, the Prime/Greenwich Meridian and time zones (including day and night)

## Languages - Spanish

### **The children will be taught:**

Written numbers 1-20.

Jobs.

Hobbies and sports.

E.D.L. Activities.

Phonics.