



**YEAR 6**

**AUTUMN TERM 1**

**MEDIUM TERM PLAN**

**MATHEMATICS**

The children will:

- Read, write and order numbers up to 10,000,000 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.
- Solve number and practical problems involving all of the above.
- Solve addition and subtraction two step problems in contexts, deciding which operation and method to use and why
- 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 solve problems involving addition, subtraction, multiplication and division.
- Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy.
- Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written methods of long and short multiplication.

**MATHEMATICS (Cont)**

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

**ENGLISH  
POETRY**

The children will:

- Further explore the use of personification
- Play with language, form and shape ideas.
- Understand how poets can use personification, powerful images, and surreal, surprising and amusing images to communicate with the reader.
- Identify and display the features of imagery poetry.

**Writing/Presentation**

- Produce imagery poems
- Plan, draft, edit and review.
- Value their own poems and those of others and enjoy sharing them.
- Perform and publish in oral, paper and electronic forms.

**BIOGRAPHY**

The children will:

- Explore the biography of a particular person in a range of different texts, discuss and evaluate their differences.
- Evaluate the reliability of usefulness of biographical information from different sources.
- Extract and interpret information effectively from biographical sources
- Identify key language, structure organisation and presentational features of different forms of biography

**BIOGRAPHY (Cont)**

**Writing/Presentation**

- Write an effective biography, selecting language, form, format and content to suit a particular audience and purpose.
- Plan, draft, edit and review.

**AUTOBIOGRAPHY**

The children will:

- Identify key language, structure organisation and presentational features of an autobiography.

**Writing/Presentation**

- Write an effective biography, selecting language, form, format and content to suit a particular audience and purpose.
- Plan, draft, edit and review.

**GRAMMAR AND PUNCTUATION**

The children will learn how to:

- Relate words as synonyms
- Identify the subjunctive mood.
- Use the passive voice to affect the presentation of words in a sentence.
- Identify vocabulary typical of informal speech and formal writing.
- use semi-colon, colons and dashes to mark the boundary between independent clauses.
- Use a colon to introduce a list and use semi-colons within lists.
- Punctuate bullet points in a list.
- Use hyphens to avoid ambiguity.

**SPELLING**

Children will

- revise the word list from Y5
- spell words with complex prefixes and suffixes

## RE

### COME AND SEE

- Loving (God who never stops loving)
- Vocation and commitment (The vocation of priesthood and religious life)

## PE

### Dance

Children will be taught:

- Create & perform step pattern and actions from a range of dance crazes.
- Create an extended dance which shows 2 or 3 of the styles
- Work in 2s or small groups to develop your dance.

### Swimming

- How to swim 10m; 25m; 50m quickly using a variety of strokes.
- Work as a team
- Show different personal survival skills.

## MUSIC

The children will learn:

- to play and perform in solo and ensemble contexts, using their voices and playing instruments with increasing accuracy, fluency control and expression.
- to improvise and compose music for a range of purposes using the interrelated dimensions of music.
- to listen with attention to detail and recall sounds with increasing aural memory
- to use and understand staff and other musical notations.

## FOUNDATION SUBJECTS

### SCIENCE

#### Light

Children will:

- Explain how light travels to enable us to see.
- Understand that all objects reflect light.
- Identify the angles of incidence and reflection. - Understand refraction as light bending or changing direction.
- Explain how a prism allows us to see the visible spectrum.

### HISTORY

#### World War 2

Children will learn:

- Why Britain had to go to war in 1939.
- Why it was necessary for children to be evacuated.
- Why Germany lost the Battle of Britain.

### GEOGRAPHY

None this half term.

## ART AND DESIGN

### Famous Artists

Children will:

- learn about famous artists from history.
- Review and revisit their work and critically evaluate and edit (paint over their work).
- Work in pairs to recreate a well-known piece or an element of the piece.
- Use the colour wheel to use “harmonious colours” and “contrasting colours”.

## COMPUTING

### Programming

The children will be taught to:

- Design programs that accomplish specific goals.
- Design and create programs.
- Debug programs that accomplish specific goals.
- Use repetition in programs.