

# Year 5

## Autumn Term Two

### Mathematics

#### The children will:

- Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers
- Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers
- Establish whether a number up to 100 is prime and recall prime numbers up to 19
- Multiply numbers up to 4 digits by a 1- or 2-digit number using a formal written method, including long multiplication for 2-digit numbers
- Multiply and divide numbers mentally drawing upon known facts

Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000

#### The children will:

- Divide numbers up to 4 digits by a 1-digit number using the formal written method of short division and interpret remainders appropriately for the context
- Recognise and use square numbers and cube numbers, and the notation for squared and cubed

### Literacy

#### Poetry (Poetic Style)

#### The children will:

- Identify and display the features of free verse poetry
- Hear, read and respond to a range of poems from two contrasting writers
- Capture ideas, language and learning to be able to use and apply in the writing phase
- Respond to and perform the poems in a variety of ways
- Explore some of the many elements and features of poems which together constitute the writer's distinctive style, including language effects, pattern and form, subjects, themes and meaning
- Identify the features of poems
- Practice writing a free verse poem to a common subject or theme to allow ongoing comparisons, discussion and evaluation
- Write their own free verse poem (preferably about something they know and that matters to them), drawing from the earlier reading and modelling, but also attempting to find a style of their own
- Write their own free verse poems, inspired by those elements and features from those they have read, and adapting elements and features from these in order to begin to develop a style of their own

#### Grammar and Punctuation

#### The children will learn how to:

- Recognise vocabulary and structures that are appropriate for formal speech and writing, including subjunctive forms
- Use expanded noun phrases to convey complicated information concisely
- Using modal verbs or adverbs to indicate degrees of possibility
- Use commas to clarify meaning or avoid ambiguity in writing
- Using semi-colons, colons or dashes to mark boundaries between independent clauses

### Legends

#### The children will:

- Increase their familiarity with a wide range of books, including myths, legends and traditional stories
- Read and make comparisons between different versions of the same legend
- Identify different features of legends
- Prepare and present an oral retelling of a legend
- Draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
- Predict what might happen from details stated and implied
- Summarise the main ideas drawn from more than one paragraph, identifying key details that support the main ideas
- Discuss and evaluate how authors use language, including figurative language, considering the impact on the reader
- Select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- Use a wide range of devices to build cohesion within and across paragraphs
- Assess the effectiveness of their own and others' writing
- Propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
- Write a new version of a legend, identifying their audience and adapting their writing to suit this audience
- Plan, draft, edit and review their new legend
- Ensure the consistent and correct use of tense throughout a piece of writing
- Proof-read for spelling and punctuation errors

#### Spelling

Words ending in -cious -tious

Words ending in -cial -tial

Homophones and other words that are often confused

### P.E

#### **Children will taught to:**

- Use running, jumping throwing and catching in isolation and in combination
- Play competitive games, modified where appropriate, and apply basic principles suitable for attacking and defending
- Develop flexibility, strength, technique, control and balance
- Compare their performances with previous ones and demonstrate improvement to achieve their personal best

### Come and See

#### **Baptism/Confirmation - Belonging**

- Life Choices

#### **Judaism**

- Passover/Pesach

#### **Advent/Christmas - Loving**

- Hope

### Art & Design

#### **Children will be taught to:**

- Experience the use of measuring, marking out, cutting, joining, shaping and finishing techniques with construction materials (cross-curricular: numeracy)
- Formulate a clear plan, including a step-by-step list of what needs to be done and lists of resources

### Geography

#### Geographical Positioning

#### **Children will be taught to:**

- Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere
- Use maps, atlases, globes and digital/computer mapping
- Use the points of a compass and grid references (cross-curricular: numeracy)

### Science

#### Properties of Materials

#### **Children will be taught to:**

- Compare and group together everyday materials based on evidence from comparative and fair tests, including hardness, solubility, transparency, conductivity (electrical and thermal) and response to magnets

### Computing

#### **Children will be taught to:**

- Design and write programs to achieve specific goals, including programming, solving problems, playing a game and creating artwork
- Use logical reasoning
- Collect and present data appropriately

### Music

#### **Children will be taught to:**

- To play and perform in solo and ensemble contexts
- To play a musical instrument with increasing accuracy, fluency, control and expression

### Languages -Spanish

#### **Children will be taught to:**

- Use accurate pronunciation
- Take part in a simple conversation
- Match text and pictures