



## YEAR 4 AUTUMN TERM 2

### MEDIUM TERM PLAN

#### MATHEMATICS

##### Fractions

**The children will:**

Recognise and show, using diagrams, families of common equivalent fractions.

Count up and down in hundredths.

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.

Recognise and write decimal equivalents of any number of tenths or hundredths. Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths

#### MATHEMATICS

##### Multiplication and Division

**The children will:**

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.

Recognise and use factor pairs and commutativity in mental calculations.

Multiply two-digit and three-digit numbers by a one-digit number using formal written layout.

Solve problems involving multiplying and adding.

#### ENGLISH

##### Descriptive settings

**The children will:**

Read, compare and discuss stories with descriptive settings.

using dictionaries to check the meaning of words that they have read.

Discuss how settings influence the characters, atmosphere, mood and opinion of reader.

Identify and discuss common features and themes from setting descriptions.

Write a narrative using paragraphs to organise ideas, maintaining cohesion within and between paragraphs, applying all learning from this block.

#### ENGLISH

##### Newspaper report

**The children will:**

Display and read different examples of newspaper reports, identifying key events.

Analyse a newspaper text, revisiting key organisational features.

Produce a newspaper report, applying all learning from this block.

#### GRAMMAR AND PUNCTUATION

##### Ongoing

**The children will learn how to:**

Use an appropriate choice of pronoun within or across sentences to aid cohesion and avoid repetition

Extend the range of sentences with more than one clause by using a wider range of conjunctions, including when, if, because, although

Use the present form of verbs in contrast to the past tense

Choose nouns or pronouns appropriately for clarity and cohesion and to avoid repetition

Use frontal adverbials e.g. later that day

Use conjunctions, adverbs and prepositions to express time and cause

Use and punctuate direct speech

#### SPELLING

Consolidation of spellings from Year 3 and introduction of Year 4 spelling rules and strategies.

**RE**  
**COME AND SEE**

Gifts – Advent/Christmas: God’s gift of love and friendship in Jesus.

Judaism – Holy books – The importance of the Torah

**PE**

**The children will:**

Develop flexibility, strength, technique, control and balance.

Learn and perform dances using a range of movement patterns.

Compare their performances with previous ones and demonstrate improvement to achieve their personal best.

**DT**  
**Textiles**

**The children will:**

Pupils research different types of fabric fastenings before deciding which they want to use in their design for a book sleeve.

Technical knowledge - Understanding stitches and their benefits

Knowing how to use templates.

**FOUNDATION**  
**SUBJECTS**

**SCIENCE**  
**Electricity**

**The children will:**

Identify common appliances that run on electricity.

Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers.

Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery.

Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.

Recognise some common conductors and insulators, and associate metals with being good conductors.

**MUSIC**  
**Glockenspiel – Stage 2**

**The children will:**

Learn about the interrelated dimensions of music (pulse, rhythm, pitch etc.),

Sing and play instruments.

Learn how to read music notation and apply this when playing the glockenspiel.

**History and Art**

Will be carried out in Spring 1.

**COMPUTING**

**The children will:**

Use the internet safely and appropriately to carry out a research project.

Use a variety of software to design programs and content that accomplishes a given goal.

Analyse and present data and information in a variety of formats.

**GEOGRAPHY**  
**Water**

**The children will:**

Describe water in its solid, liquid and gaseous state.

- List the main events in the water cycle.
- Explain that changes in temperature cause evaporation and condensation.
- Explain that water has to be cleaned for drinking.
- List different types of flooding.
- Describe how flooding affects communities.