



## 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

##### Stories with Imaginary Worlds

**The children will:**

Read, compare and discuss stories with imaginary worlds/fantasy settings.

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

Identify and discuss common features and themes from fantasy texts.

Write a narrative using paragraphs to organise ideas, maintaining cohesion within and between paragraphs.

Produce a story in an imaginary world, applying all learning from this block.

#### ENGLISH

##### Magazines

**The children will:**

Display and read different examples of magazines, identifying key events.

Analyse a magazine text, revisiting key organisational features.

Produce a magazine article, 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 Dance

### **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.

## ART AND DESIGN

### Drawing

### **The children will:**

Produce creative work and become proficient in drawing techniques.

Evaluate and analyse their own and others creative work using the language of art.

Learn about great artists, including Bridget Riley and Wassily Kandinsky, and use their work as inspiration for their own.

## FOUNDATION

### SUBJECTS

## SCIENCE

### States of Matter

### **The children will:**

Compare and group materials together, according to whether they are solids, liquids or gases.

Observe that some materials change state when they are heated or cooled.

Measure or research the temperature at which changes happen in degrees Celsius (°C).

Identify the part played by evaporation and condensation in the water cycle.

## 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 DT

Will be carried out in Spring 1.

## COMPUTING

### Mediterranean

### **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

### Mediterranean

### **The children will:**

Locate the Mediterranean Sea and the surrounding countries, using maps.

Explore Europe's environmental regions, key physical and human characteristics, countries, and major cities.

Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom and a region in a European country.

Use maps, atlases, globes and digital mapping to locate countries and describe features studied.

Use the eight points of a compass and four-figure grid references, symbols and keys.