



**YEAR 5 SPRING TERM 1**  
**MEDIUM TERM PLAN**

**MATHEMATICS**

**Fractions, Decimals and Percentages**

**The children will:**

Compare and order fractions

Add and subtract fractions

Identify, name and write equivalent fractions

Recognise mixed numbers and improper fractions and convert one to the other

Multiply proper fractions and mixed numbers by whole numbers

Read and write decimals as fractions

Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents

Round decimals with two decimal places

Read write order and compare numbers with up to three decimal places

Recognise the per cent symbol

Understand per cent

Write percentages as a fraction and as a decimal

**Basic Skills**

The children will:

Complete basic skills that relate to all the above

**MATHEMATICS - CONTINUOUS SKILLS**

**The children will:**

Solve number & practical problems that relate to Autumn 1 and use rounding to check answers

Solve +/- multistep problems in contexts, deciding which operations to use and why

Solve problems involving number up to 3 dec. places

Solve problems involving  $\times/\div$  including using knowledge of factors, multiples, squares & cubes

Solve problems involving  $+/-/\times/\div$

Solve problems involving  $\times/\div$ , including scaling by simple fractions and problems involving simple rates

Solve problems which require knowing % & decimal equivalents of  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $1/5$ ,  $2/5$ ,  $4/5$  & those fractions with a denominator of a multiple of 10 or 25

**ENGLISH**

**Older Literature**

**The children will:**

Read and discuss a classic text, widening their experience of older literature

Read extracts aloud and watch extracts of classic TV/film adaptations

Record predictions, questions, notes and ideas

Capture ideas, language & learning to use in their writing

Identify & understand features of classic texts

Deduce differences in relationships, customs & attitudes in comparison to their own experiences

Discuss dialogue & formality between characters

Plan & write in the style of a classic text

Plan, draft, edit and review their own work

**SPELLING**

Revision of Year 3 and Year 4

Statutory word lists revision

**ENGLISH**

**Poetry - Classic/Narrative Poetry**

**The children will:**

Engage in active reading & investigation of a narrative poem

Explore how writers use language to create dramatic effects

Understand the differences between literal & figurative language & use the text to explain imagery

Capture ideas, language & learning to use in their writing

Identify & understand features of narrative poems including investigating the structure

Explore characters in depth & more complex issues

Understand the characters, language & plot to write in the first person

Rehearse & practise stanzas of the poem using drama for a choral performance

Plan, perform & evaluate a choral performance of poem

Improve their performance

**GRAMMAR AND PUNCTUATION**

**Ongoing**

**Sentence**

Relative clauses beginning with who, which, where, when, whose that, or an omitted relative pronoun

Indicating degrees of possibility using adverbs (perhaps, surely) or modal verbs (might, should, will, must)

**Text**

Devices to build cohesion within a paragraph (then, after that, this, firstly)

Linking ideas across paragraphs using adverbials of time (later) place (nearby) and number (secondly) or tense choices (he had seen her before)

**Punctuation**

Brackets, dashes, commas to indicate parenthesis

Use of commas to clarify meaning or avoid ambiguity

**FOUNDATION  
SUBJECTS**

**RE COME AND SEE**

**Local Church - Community: Mission -**  
Continuing Jesus' mission in diocese  
(ecumenism)

**Other Faith Week**

**Eucharist - Relating: Memorial Sacrifice -**  
the Eucharist; the living memorial of Jesus

**PE**

**Gymnastics/Games - PE Coach**

**The children will:**

Learn about the benefits of exercise  
Warm Up and Cool Down  
Learn a variety of skills related to  
- gymnastics including composing and performance  
- games including throwing, catching, batting, striking, fielding

**MUSIC**

**(Music Teacher)**

**The children will:**

Learn to sing songs from memory  
Improvise & perform using their voices  
Evaluate their voices & their singing  
Play instrumental parts within songs  
Improvise, compose & perform using instruments  
Evaluate their composing & performance

**SCIENCE**

**Properties of Materials**

**The children will:**

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

**Working Scientifically:**

**The children will:**

Plan different types of enquiry to answer questions  
Control variables where necessary  
Measure with increasing accuracy and precision using a range of equipment  
Record data and results of increasing complexity using scientific diagrams, labels, keys, tables and graphs  
Use test results to make predictions and set up further tests  
Report & present findings, including conclusions & explanations in results  
Identify scientific evidence used to support or refute ideas or arguments

**COMPUTING**

**3D Modelling**

**The children will:**

Use 2Design and Make on Purple Mash to explore different viewpoints whilst designing a building & the effect of moving points when designing a vehicle  
how to edit a 3D polygon model to design for a purpose  
refine & prepare their model for printing as a 2D net then create a 3D model

**Art**

**3D**

**The children will:**

Respond to the figurative sculptures of Alberto Giacometti  
Produce sculptural stick forms in response to the work of Alberto Giacometti  
Use modroc (plaster bandage) as a sculptural material  
Review the figures and say what they think and feel about them  
Record the process from concept to completed sculptures in sketchbook  
Create clay slab forms

**HISTORY**

**&**

**DT**

**Spring 2**

**GEOGRAPHY**

**Rivers**

**The children will:**

Know why rivers are important  
Know where our water comes from and learn about the water cycle  
Know and name parts of a river  
Name and locate rivers in England, Europe & the World using an atlas  
Know about erosion, transportation & deposition