

St Luke's CE Primary – Curriculum Overview

Year 5 Autumn 1



Curriculum Aims

The purpose of our curriculum is to:

- enable children to become confident, resourceful, enquiring and independent learners;
- foster children's self-esteem and help them build positive relationships with other people;
- develop children's self-respect and encourage children to respect the ideas, attitudes, values and feelings of others;
- show respect for all cultures and, in so doing, to promote positive attitudes towards other people;
- enable children to understand their community and help them feel valued as part of this community;
- help children grow into reliable, independent and positive citizens for the 21st century.

Curriculum Approach

- Learning reviewed daily (retrieval practice);
- New content taught in small chunks;
- Effective teacher questioning;
- Lots of teacher modelling;
- Regular opportunities for children to think, apply and practise key skills and knowledge;
- Support for difficult tasks;
- Develop long term memory, whilst respecting the limitations of the working memory.

Discrete Learning Subjects

Main Learning Focus in English:

Range: Narratives

Speaking and listening.

- giving short speeches and presentations, expressing their own ideas and keeping to the point

Reading

Maintain positive attitudes to reading and an understanding of what they read by:

- continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks.
- identifying and discussing themes and conventions in and across a wide range of writing
- drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence.
- summarising the main ideas drawn from more than 1 paragraph, identifying key details that support the main ideas

Writing

- selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- in narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action
- proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning

Grammar and Punctuation

- Using relative clauses beginning with who, which, where, when, whose, that
- Use of inverted commas and other punctuation to indicate direct
- Use modal verbs in writing

Spelling

- continue to distinguish between homophones and other words which are often confused
- spell some words with 'silent' letters [for example, knight, psalm, solemn]

Handwriting

- write legibly, fluently and with increasing speed

Main Learning Focus in Mathematics:

Children will learn to:

Unit 1 and 2: Place value within 1,000,000

- read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit
- solve number problems and practical problems that involve all of the above
- round any number up to 1 000 000 to the nearest 10, 100, 1000, 10,000 and 100,000

Unit 3: Addition and Subtraction

- add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)
- use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy
- add and subtract numbers mentally with increasingly large numbers
- estimate and use inverse operations to check answers to a calculation
- solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why

Main Learning Focus in Science:

Mixtures and Separation



Knowledge:

- Define the term mixture and name some common examples
- Define the term sieving and explain how sieving separates mixtures
- Define the term filtering and explain how filtering separates mixtures
- Define the terms solution and dissolve and name some common examples of solutions
- Recall some factors that affect the time taken to dissolve
- Describe the effect of temperature on the time taken to dissolve
- Define the term evaporating and explain how evaporating separates solutions
- Identify when sieving, filtering and evaporating should be used

Working scientifically:

- Research a mixture to find out what substances it is made from
- Draw and annotate a diagram to explain how sieving separates a solid-solid mixture
- Identify and justify which type of enquiry to use to answer my testable question
- Identify solutions by observing and describing their appearance
- Suggest which variables to change, measure and control when investigating how temperature affects the time taken to dissolve
- Choose which measurements to take and how long to take them for

Main Learning Focus in Geography:

What is life like in The Alps?



- Locate the Alps on a world map and identify and label the eight countries they spread through
- Locate three physical and three human features of Innsbruck
- Use a variety of data collection methods including completing a questionnaire, mapping their route and recording their findings in sketches or photographs
- Compare the human and physical geography of their local area and Innsbruck
- Describe at least four of the key aspects of the human and physical geography of the Alps to answer the enquiry question, 'What is life like in the Alps?'

Main Learning Focus in Computing:

- Online Safety
- 3D Modelling
- Spreadsheets



Main Learning Focus in Religious Education:

Why do some people believe God exists?

- This investigation enables pupils to learn in depth from different religious and non-religious groups about belief in God. Pupils enquire into the key question- raising questions about the nature and existence of God focusing on Christian ideas about God.



Main Learning Focus in French:

- By the end of this unit we will be able to:
- present both orally and in written form about the pets they have and/or do not have in French.
move from 1st person singular to 3rd person singular verb usage so they are able to say what the pet is called
use conjunctions more confidently.



Main Learning Focus in Art:

- Drawing
- Painting and Mixed Media

**Main Learning Focus in PE:**

- Leadership
- Football

**Main Learning Focus in PSHE:**

- Me and My Relationships

**Main Learning Focus in Music:**

- Composition Notation (Theme: Ancient Egypt)

