

St Luke's CE Primary – Curriculum Overview

Year 5 Summer 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: Narrative poem and non-chronological report

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 poetry, using a range of techniques to add description
- Using the correct techniques to make writing informative
- Proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning

Grammar and Punctuation

- Verbs
- Modal verbs
- Adverbs
- Pronouns
- Relative pronouns
- Determiners

Spelling

- Homophones
- Unstressed vowels and consonants
- Words with silent letters
- Words from other countries

Handwriting

- write legibly, fluently and with increasing speed

Main Learning Focus in Mathematics:

Children will learn to:

Unit 12: Decimals

- solve problems involving number up to three decimal places
- read, write, order and compare numbers with up to three decimal places
- recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents

Unit 13: Properties of shape

- know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles
- draw given angles, and measure them in degrees ($^{\circ}$)
- angles at a point on a straight line and $1/2$ a turn (total 180°)
- angles at a point and one whole turn (total 360°)
- use the properties of rectangles to deduce related facts and find missing lengths and angles

Main Learning Focus in Science:

Forces and Space: Unbalanced Forces

Knowledge:

- Describe gravity and its effects
- Describe the relationship between mass and gravity
- Describe air resistance and its effects
- Describe friction and its effects
- Describe water resistance and its effects
- Describe the relationship between surface area and air and water resistance
- Explain how to make an object aerodynamic or streamlined
- Describe the effects of levers, pulleys and simple machines on movement

Working scientifically:

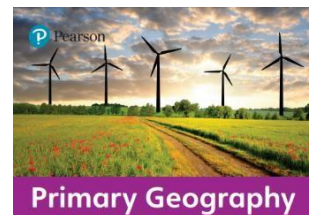
- Analyse predictions, data and anomalies to write a conclusion
- Plan a fair test to investigate air resistance
- Write a method
- Evaluate a method and judge the degree of trust
- Design a results table
- Calculate the mean average from repeat data
- Draw and annotate a diagram
- To draw an accurate line graph



Main Learning Focus in Geography:

Energy and sustainability

- What is sustainability?
- Are fossil fuels sustainable?
- What are renewable sources of energy?
- What can we learn from Curitiba?
- What can we learn from Freiburg?



Energy and sustainability

Main Learning Focus in Computing:

- Online safety
- Concept maps
- Word processing



Main Learning Focus in Religious Education:

What does it mean to be a Muslim in Britain today?

This unit enables pupils to learn in depth from different religious and spiritual ways of life about being a follower of the Muslim religion. Pupils explore the five pillars of Islam and the importance of these to Muslim believers. Pupils will gain a greater understanding of Islam and what we can learn from its beliefs, values and ideas. This investigation provides an opportunity to learn about the Qur'an.



Main Learning Focus in French:

Les Jeux Olympiques

- Know key facts from the history of the Olympics and from the modern games in French.
- Remember at least three of the nouns for the ten sports from memory, including their correct spelling.
- Conjugate the JE form of the verb FAIRE. Use this to say that I play a sport in French.



Main Learning Focus in Art:

Craft and Design – Architecture



- Sketch a house from first-hand or second-hand observation.
- Use basic shapes to place key features and form the composition, measuring to work out proportions.
- Notice small details to incorporate into the drawing by observing.
- Select a section of their drawing that creates an interesting composition, with a variety of patterns, lines and texture.
- Follow steps to create a print with clear lines, with some smudging.
- Purposefully evaluate their work, demonstrating what went well and what could be improved.
- Create a building design based on a theme or set purpose.
- Draw a plan view or front elevation of their building, annotating the key features.
- Discuss Hundertwasser's work and recognise his style.
- Create a factual presentation about Hundertwasser in a visually pleasing way.
- Show understanding of what a monument is for by designing a monument that symbolises a person or event.
- Describe their monument and explain their choices.
- Give constructive feedback to others about their monument designs

Main Learning Focus in PE:

- Rounders
- Athletics



Main Learning Focus in PSHE:

- Growing and Changing

