St Luke's CE Primary – Curriculum Overview

Year 5 Autumn 2

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 and Persuasive letters

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
- Using the correct techniques to make writing persuasive
- 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

- S spelt as c before e, I and y.
- Double consonants/ long vowel sounds
- Plurals (adding '-s', '-es' and '-ies')

Handwriting

- write legibly, fluently and with increasing speed

Main Learning Focus in Mathematics:

Children will learn to:

Unit 4- Multiplication and Division

- Recognise and find multiples and factors
- Recognise and identify prime numbers
- Calculate square and cube numbers
- Use inverse operations
- Multiply and divide by 10, 100 and 1,000
- Multiply and divide by multiples of 10, 100 and 1,000

Unit 5 – Fractions

- Find and use equivalent fractions
- Convert between improper fractions and mixed numbers
- Compare and order fractions

Unit 6 – Fractions

- Add and subtract fractions with the same denominator
- Add and subtract fractions including mixed numbers, where one denominator is a multiple of the other
- Solve word problems involving fractions

Main Learning Focus in Science:

Materials: Properties and Changes



Knowledge:
• Determine the hardness of different materials and link this to their uses
• Determine the transparency of different materials and link this to their uses
• Determine the thermal and electrical conductivity of different materials and link this to their uses
• Demonstrate, identify and describe reversible and irreversible changes

Working scientifically:
• Evaluate the hardness test to determine the degree of trust in the results
• Plan and draw a table of results
• Write a detailed, organized and easy to follow method
• Write a prediction using prior knowledge of the states of matter
• Analyse observations about rusting and use them to support a conclusion
• Measure accurately in centimetres

Main Learning Focus in History:

Were the Vikings raiders, traders or something else?



- Explain where the Vikings came from and why they invaded Britain
- Sequence events according to their significance for groups of people
- Find evidence and make inferences from sources
- Name Viking trade routes
- Explain why trade routes were important to the Vikings
- Identify the differences between Viking sagas
- Evaluate the impact of Viking achievements

Main Learning Focus in Computing:



- Online safety
- Game creator

Main Learning Focus in Religious Education:

What would Jesus do? Can we live by the values of Jesus?



This investigation enables pupils to learn in depth from Christianity, considering in a detailed way some teachings of Jesus and the ways they are applied today. Pupils will consider examples of what Jesus said, and how Christians today respond to the challenges of his teachings.

Main Learning Focus in French:



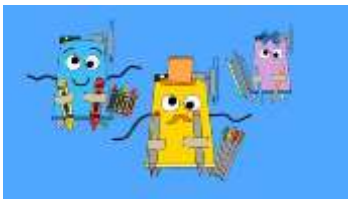
La Date

- Recognise and recall the 7 days of the week in French.
- Recognise and recall the 12 months of the year in French.
- Recognise and recall numbers 1-31 in French.
- Ask what the date is and say the date in French.
- Ask somebody when their birthday is and say when our own birthday is in French.

Main Learning Focus in Design and Technology:

Doodlers

This unit encourages pupils to problem solve and understand a product's construction. They will investigate an existing motorized product and problem solve to understand how it has been constructed before they go ahead to develop their own electrical system doodler.



Main Learning Focus in PE:

- Quicksticks
- Dodgeball



Main Learning Focus in PSHE:

- Valuing differences

