St Luke's CE Primary – Curriculum Overview

Year 6 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 inEnglish:

Non-fiction: persuasive letters; poem; diary entry; short narrative ending
Narrative: Scott of the Arctic; Frankenstein's Diary; Hansel & Gretal; Geography presentation

Speaking and listening.

- Participation in class and group discussions
- Explaining and justifying opinions about texts
- Discussing information inferred from a text

Reading

- Shared Reading – reading Polar Bear Explorers' Club; Hansel & Gretel; Frankenstein
- Guided Reading – reading with the teacher in small groups
  Individual reading – follow-up tasks from guided reading sessions
- Focus on using information from the text to build written responses, infer information from the text and retrieve facts from within the text.

Writing

- Build atmosphere and mood within narrative
- Describe characters and setting
- Vocabulary and grammatical structures that reflect what the writing requires
- Use a range of organisational devices within my work

Grammar and Punctuation

- use verb tenses consistently and correctly throughout their writing
- use colons and semi-colons to separate independent clauses
- use colons to indicate a list and semi-colons to separate items in a list

Spelling

- Developing a range of spelling strategies
- Using words with spelling patterns from Y5&6 list
- Using knowledge ofprefixes and suffixes to spellwords
- Use a dictionary to check spelling of more uncommon and ambitious vocabulary

Handwriting

maintain legibility in joined handwriting

Oral presentation linked to last half term's Geography work

Main Learning Focus in Mathematics:

Children will learn to:

- Use common factors to simplify fractions; use common multiples to express fractions in the same denomination
- Compare and order fractions, including fractions > 1
- Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions
- Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams
- Multiply simple pairs of proper fractions, writing the answer in its simplest form (for example, 1/4 × 1/2 = 1/8)
- Divide proper fractions by whole numbers (for example, 1/3 ÷ 2 = 1/6)
- Use their knowledge of the order of operations to carry out calculations involving the four operations
- Use written division methods in cases where the answer has up to two decimal places



Main Learning Focus in Science:

Year 6 will be exploring 'Light and Reflection'. The children will:

- Compare sources of light and explain how the eye is protected from light.
- Describe how light travels and how we see luminous and non-luminous objects.
- Recall factors that affect the size of a shadow and describe how the distance between an object and the surface its shadow is cast on affects the size of the shadow.
- Use ray diagrams to explain why shadows change size and why the shape of a shadow matches the object that was cast.
- Recall what happens to light when it reaches a smooth mirror surface.
- Identify the incoming and reflected rays and describe the relationship between their angles.
- Use mirrors to make a working periscope and explain how a periscope works using ray diagrams.
- Recall a range of uses of mirrors and reflection, describe how a mirror reflects light in different situations and explain how light is reflected using knowledge of light and reflection.

Main Learning Focus in History:

Year 6 will be learning about 'What can census tell us about the local area?'

During this unit, children will investigate how life in Britain has changed over time by exploring historical census records, particularly from the Victorian and early 20th-century periods.

- Understanding the Census: Children will learn what a census is, why it takes place and the types of information it records about people and households.
- Victorian Life: They will use census records to investigate the lives of Victorian children, explore jobs available in the 1800s and consider what working life was like.
- Changes Over Time: Children will compare census records from different decades, including 1911 and 1921, to identify changes in people's lives and society.
- Local History Enquiry: They will use historical census records, maps, photographs and other sources to investigate who lived in their local area in the past and how it has changed.

By the end of the unit, children will have developed their historical enquiry skills, learning how to interpret evidence, make informed deductions and build a picture of what life was like for people in the past.

Main Learning Focus in Computing:

Using purple mash Year 6 will learn about Graphing and Networks.

During these units, children will develop their understanding of how data can be represented visually and how computer networks work.

- **Graphing**: Children will learn how to enter and organise data, create different types of graphs and charts, and interpret the information they display. They will explore how graphs can be used to compare data, identify patterns and draw conclusions.
- **Networks**: Children will learn what computer networks are, how devices communicate and share information, and the role of servers and routers. They will also explore how networks, including the internet, help us access and exchange information.

By the end of these units, children will have developed their data-handling skills and a greater understanding of how computers connect and communicate in the digital world.

Main Learning Focus in Religious Education:

Throughout Autumn 2 Year 6 will explore and discuss the question 'Is it better to express your religion in art and architecture or in charity or generosity?'

They will answer and discuss questions such as:

- What makes a special place? What is a sacred place?
- How do mosque buildings express Islamic beliefs and values?
- Muslim calligraphy, painting and poetry: what is inspiring?
- How do Christians use art in worship and in remembering Jesus?
- Can a Christian place of worship be a building for the 'glory of God'?
- How and why do Muslim charities try to change the world?
- How and why do Christian Aid try to change the world?

Main learning focus in French:

Une bonne sante – A healthy lifestyle

The children will learn how to talk about healthy habits and understand the importance of looking after their bodies.

Children will learn:

- French vocabulary for healthy foods, fruits and vegetables.
- How to name different drinks and understand the importance of drinking water.
- How to talk about exercise and physical activities.
- How to describe healthy daily habits, such as eating well, sleeping enough and keeping clean.
- Simple French phrases to express what is good for their health.

Main Learning Focus in SCARF: Valuing Differences

During this unit, children will explore the importance of respecting and celebrating differences, developing an understanding of diversity, equality and inclusion within society.

- Celebrating Differences: Children will learn that everyone is unique and explore the similarities and differences we share with others.
- Bullying and Discrimination: They will consider how disrespectful and discriminatory behaviour can affect others and explore ways to challenge bullying safely.
- Respect and Tolerance: Children will develop their understanding of prejudice and learn how to show respect towards people with different backgrounds, beliefs and experiences.
- Friendship and Support: They will explore how to be a supportive bystander, stand up for others and demonstrate kindness and empathy.
- Community and Inclusion: Children will consider the different groups within their school and wider community and understand the importance of creating an inclusive society.

By the end of this unit, children will have developed a greater understanding of equality, diversity and respect, recognising the importance of treating everyone fairly and valuing what makes each person special.

Main Learning Focus in Physical Education:

The children will be focusing on Basketball and Qwicksticks:

During these units, children will develop their sporting skills, tactical awareness and teamwork through basketball and Quicksticks hockey.

- Basketball: Children will develop their dribbling, passing and shooting skills, learning how to maintain possession and create opportunities to score. They will explore attacking and defending tactics, positioning and teamwork, applying their skills in competitive game situations.
- Quicksticks: Children will develop their ability to control and dribble the ball in different directions, pass accurately and move into space. They will practise tackling, marking opponents and shooting at goal from different angles, applying these skills during small-sided games.
- Teamwork and Leadership: In both sports, children will develop communication skills, learn to make tactical decisions, take on leadership responsibilities and support others within their team.
- Evaluating Performance: Children will learn to recognise their own and others' strengths, offer constructive feedback and identify ways to improve their performance.

By the end of these units, children will have developed their confidence, coordination and understanding of team sports, learning how to apply skills and tactics effectively while demonstrating good sportsmanship and teamwork.

Main learning Focus in Music:

Boom whackers music with Rochdale Music Service