

# St Luke's CE Primary – Curriculum Overview

## Year 4 Summer 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:

Narrative: Story- Feast

Reading- The Pied Piper

#### Speaking and listening.

Participation in class and group discussions

Explaining and justifying opinions about texts

Learning new drama skills

#### Reading

Shared Reading – reading text with the class

Guided Reading – reading with the teacher in small groups Individual & paired reading

Using reading skills to obtain information

#### Writing

Write effective sentences for a narrative

#### Grammar and Punctuation

Revising the use of capital letters, full stops, commas and exclamation marks

Colons, ellipsis, commas, subordinating clauses, fronted adverbials, pronouns

Ensuring grammatical agreement

#### Spelling

Words from statutory and personal spelling lists

Proofreading for words on statutory list

#### Handwriting

Revising letter joins formation

Improve skills in joining writing

### Main Learning Focus in Mathematics:

Children will learn to:

Convert between units of time.

Write times in different ways.

Compare times by converting units.

Solve problems about units of time.

Present data in pictograms, bar charts and tables.

Explore line graphs.

Solve problems based on data.

Learn to recognize obtuse, acute and right angles.

Understand regular and irregular shapes.

Name and describe quadrilaterals and triangles.

Identify lines of symmetry in shapes and patterns.

Use numbers to say where things are on a grid.

Plot points on a grid.

Use our knowledge of shapes to complete diagrams.

Describe movements on a grid.



### **Main Learning Focus in Science: Electricity**

**Children will learn the answers to the following questions:**

- Recall a range of electrical appliances, classify them as mains or battery-powered and explain why.
- Explain how to test if a circuit works and identify when simple electric circuits will work.
- Identify symbols for open and closed switches and give examples of how switches are useful.
- Predict whether a circuit will work based on whether the switch is open or closed and explain that it works by breaking and completing a circuit.
- Describe that a material is a good electrical conductor when it is added to an electric circuit and the bulb lights and that a material is a good electrical insulator when it is added to an electric circuit and the bulb does not light.
- Recall that metals, for example, are good electrical conductors and plastics, for example, are good electrical insulators.
- Describe that the more bulbs added to a series circuit, the dimmer the bulbs will be and explain that they will be dimmer when more are added to a circuit, as less energy is transferred to each of them.
- Describe precautions for working safely with electricity and explain some precautions using knowledge of circuit diagrams, electrical components, conductors or insulators.

### **Main Learning Focus in Geography:**

#### **Rivers**

**Children will learn the answers to the following questions:**

- Identify water stores and processes in the water cycle.
- Describe the three courses of a river.
- Name the physical features of a river.
- Name some major rivers and their location.
- Describe different ways a river is used.
- List some of the problems around rivers.
- Describe human and physical features around a river.
- Identify the location of a river on an OS map.
- Make a judgement on the environmental quality in a river environment.
- Make suggestions on how a river environment could be improved.

### **Main Learning Focus in Computing:**

During computing lessons, Year 4 will be using 'Purple mash' to: Make Music.

- To identify and discuss the main elements of music.
- To understand and experiment with rhythm and tempo.
- To create a melodic phrase.
- To electronically compose a piece of music.



**Main Learning Focus in Religious Education**

**Children will learn the answers to the following questions:**

- What can we learn from religions about deciding what is right and wrong?
- What rules are important? How is the Golden Rule important?
- What important messages are in the 10 Commandments?
- How have religious teachings helped to affect somebody's actions?
- What do religious stories tell believers about temperance?
- How can people decide what is right and wrong without God's help?
- What does Christianity say about how to live a good life?

**Main Learning Focus in Scarf-**

**Growing and Changing**

- Describe some of the changes that happen to people during their lives;
- Explain how the Learning Line can be used as a tool to help them manage change more easily;
- Suggest people who may be able to help them deal with change.
- Name some positive and negative feelings;
- Understand how the onset of puberty can have emotional as well as physical impact
- Suggest reasons why young people sometimes fall out with their parents;
- Take part in a role play practising how to compromise.
- Define the terms 'secret' and 'surprise' and know the difference between a safe and an unsafe secret;
- Recognise how different surprises and secrets might make them feel;
- Know who they could ask for help if a secret made them feel uncomfortable or unsafe.

**Main Learning Focus in Physical Education:**

During PE Lessons the children will be learning how to play rounders and tennis.

**Main learning Focus in Music: Rivers- Changing in pitch, temp and dynamics**

- Sing in tune and in harmony with others, with developing breath control.
- Explain how a piece of music makes them feel with some use of musical terminology.
- Perform a vocal ostinato in time.
- Listen to other members of their group as they perform.
- Create an ostinato and represent it on paper so that they can remember it.

- Create and perform a piece with a variety of ostinatos.

**Main learning Focus for Design & Technology:**

Mechanical Systems – Making a sling shot car.

- Make a chassis and launch mechanism.
- Design the car body.
- Make the car body.
- Assembly and testing.