



# St. Luke's C of E Primary School

## Termly Curriculum Information for Parents - Year 6

### What your child will be learning about this Spring term and how you can help at home

#### English

##### Writing:

This term, Year 6 will be studying the novel *Goodnight Mister Tom*, by Michelle Magorian and the non-fiction text *Black and British*, by David Olusoga. These high quality texts will be used to model writing, inspire the children's own writing and extend skills in vocabulary, grammar and spelling. We will be continuing to encourage the children to write for a purpose, e.g. descriptions, letters, diary entries, recounts and newspaper reports.

##### Grammar:

The children will continue to learn how to identify and use key grammatical concepts, including the following: tenses – the past perfect and past progressive; clauses – main, subordinate and relative clauses; and prepositions.

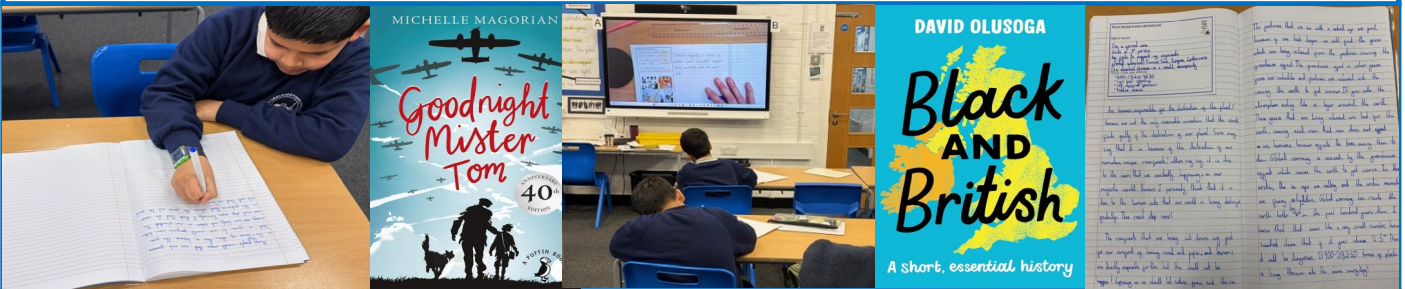
##### Reading:

In daily reading lessons, the children will be developing their reading fluency, comprehension skills and ability to read with expression.

##### How you can help:

Encourage your child to read a range of texts, including a variety of newspapers and magazines, fiction and non-fiction books written by different authors. Discuss the features of each, for example, the layout, grammatical features, tenses used and the kind of audience the writing is aimed at. Help your child to learn their spellings each week.

**Please sign your initials in your child's Reading Record each week to show they are reading at home.**



#### Maths

This term, Year 6 will be learning the following:

##### Ratio and Proportion

Calculating ratio and proportion; solving ratio and proportion problems.

##### Number: Algebra

Using simple formulae.

##### Number: Decimals and Percentages

Identifying the value of each digit in numbers given to three decimal places and multiplying and dividing numbers by 10, 100 and 1000; multiplying one-digit numbers with up to two decimal places by whole numbers, e.g.  $3.72 \times 5$ ; recalling and using equivalences between simple fractions, decimals and percentages.

##### Measurement: Perimeter, area and Volume

Using formulae for area and volume of shapes; calculating the area of parallelograms and triangles; calculating volume of cubes and cuboids.

##### Statistics

Interpreting and constructing pie charts and line graphs and using them to solve problems; calculating and interpreting the mean as an average.

**How you can help:** It is important that your child can explain their methods and why it was successful using mathematical language. Ask your child to explain how they worked through a problem.

Visit <http://www.primaryhomeworkhelp.co.uk/maths> for a selection of maths games.

## Science

### Animals, including humans

Year 6 will be learning to recreate the human circulatory system and to describe the functions of the heart, blood vessels and blood. The children will also measure and investigate pulse rate and how pulse rate changes over time. They will also explore the impact of diet, exercise, drugs and lifestyle on the way bodies function.

Visit [bbc.co.uk/bitesize/primary](http://bbc.co.uk/bitesize/primary) and choose Y6—Science for a selection of science videos.

## RE

### Buddhism

Year 6 will be focusing on the question 'What does it mean to be Buddhist?'

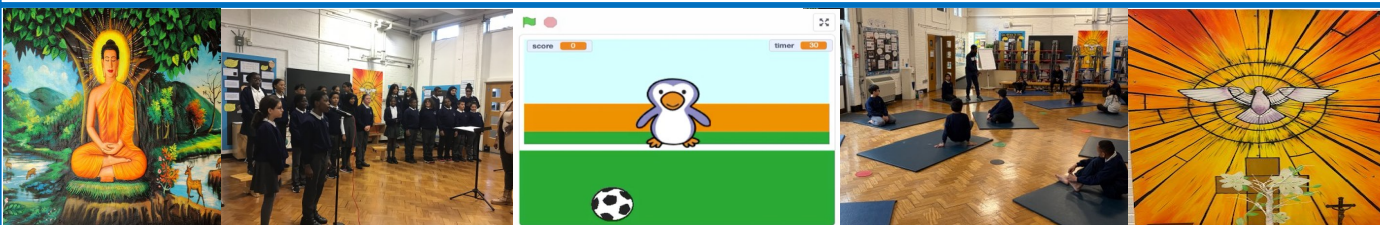
### Christianity

Year 6 will be learning about the role of hope within the festival of Easter and how this helps Christians live their lives.

## Computing

This term, Year 6 will learn about **Variables in a game**. The children will be learning to recognise what variables are and the different types of variables that can be coded using scratch. The children will then learn to code variables in their own user friendly game and then test them with their peers.

**How you can help:** Have a conversation with your child about being safe online. For some informative and age appropriate videos to start conversations, visit the following website: [thinkuknow.co.uk](http://thinkuknow.co.uk)



## History

### Historical study of London post World War 2

In exploring the time and place of London post World War 2, Year 6 will be learning to understand the problems Britain faced after World War 2. The children will be learning to understand the difficulties faced by the Windrush settlers. They will also explore what life was like in London during the 1950s, including the changes to life in London between the 1940's and 1950's.

## Geography

### Planning Issues, Transport and Conservation

Year 6 will be learning to understand how land is developed and how old sites can be re-developed. The children will also be learning how transport can be controlled and how transport affects the environment. The children will be learning about conservation, including why many plants and animals are endangered and why areas should be conserved.

## PE

### Gymnastics

Year 6 will be learning to demonstrate accuracy, consistency and clarity of movement and to work independently in small groups to make up their own sequences. The children will be learning to arrange their own apparatus to enhance their work and vary compositional ideas and to experience flight on and off high apparatus.

### Dance

Year 6 will be learning to work collaboratively to include more complex compositional ideas, to develop motifs and incorporate these into self-composed dances as individuals, pairs and groups. The children will be learning to talk about different styles of dance, using appropriate language and terminology.

## Music

This term, Year 6 will be learning about harmony. They will learn what it means and how they can harmonise with others. The children will be learning to sing in canon and will explore chords, bass lines and singing in thirds. They will develop a song through the use of harmony.

## Spanish

The children will be studying the following topics in this term's Spanish lessons, led by our specialist Spanish teacher: my family; pets / animals; our bodies; clothes; school; pencil case; around my home; my town and Easter celebrations.

## Art and design

### Sculpture (Wire Figures)

Year 6 will be learning about sculpture: they will sketch figures in motion and sculpt with wire to construct **armatures**, which they will paint, review and evaluate.

### Printing (Victorian Patterns)

Year 6 will be learning techniques for printing: they will explore Victorian patterns, design a motif for their own pattern and print using their Victorian inspired pattern. They will select a colour scheme, colouring and arranging their own design.

## Design Technology

### Electrical Systems (Fairground)

The children will be designing, making and evaluating a fairground ride with a rotating part in their unit of work about electrical systems.

### Food Technology

The children will be learning to understand and apply the principles of a healthy and varied diet. They will use a range of cooking techniques to prepare **Royal Rice**.

## PSHCE

In **Keeping Safe Studies**, Year 6 will be learning about self-care and first aid, being safe online and managing their emotions. They will also be learning the following: to learn that there are a range of salaries for different jobs; to understand value for money; to understand stereotypes associated with homelessness; to understand hidden homelessness; to learn what mental health is and some of the things that can affect mental health; and to learn about anxiety and how it might affect a person's mental health.

Year 6 will also be learning about the following: how feelings and emotions are affected and can be managed at changing, challenging or difficult times; identifying different tactics someone might use to manipulate another person online; explaining what to do if someone tries to pressure or manipulate them; identifying risks and risky behaviour; and the importance of good sleep.

**How you can help:** Talk to your child about how to keep safe in different situations.

## How can I help at home?

Make it clear that you value homework – set aside a specific time and area for your child to work on their homework. Your child will receive homework every day in Year 6. Help them to be organised with their time so that all the deadline dates are met.

Encourage your child to **read a variety of texts**, not just books from school.

**Listen** to your child read and ask them questions about the text to help increase their **understanding**. Discuss what happened in the story; would you make the same choices as the characters? Why/why not? Encourage your child to support their opinion with evidence from the text.

Encourage your child to do **every day mathematics**, such as telling the time, using bus/train timetables or working out the total / change in a shop.

Spend time reviewing their **times tables** with them each day.

### Help your child to be organised:

- ◇ Have you got your **book bag**? Needs to be in school **every day**.
- ◇ Are **ALL** your reading books inside it?
- ◇ Have you completed your **homework**? Homework should be submitted **every day**.