



# St John's Green Primary School

Learn to Live, Live to Learn

## Year 6 Autumn Term 2023—Curriculum Information

We ♥  
Maths

We are all

writers ...

Reading  
Is the  
Key!

We are growing  
our learning

**BIG Question**—Where are my Roots? Key Concepts: Identity, Community, Diversity

**Jigsaw Theme Before HT** – Being me in my World. **Jigsaw Theme after HT**—Celebrating Differences

**Rights Respecting Schools**

**Article 14** Every child has the right to think and believe what they choose and also to practise their religion.

**Article 28** Every child has the right to an education.

**Article 17** Every child has the right to reliable information from a variety of sources.

**Article 12** Every child has the right to express their views, feelings and wishes in all matters affecting them.

**Article 2** The Convention applies to every child without discrimination, whatever their ethnicity, gender, religion, language, abilities or any other status, whatever they think or say, whatever their family background.

### English

#### Literacy

We follow the Road to Writing structure to support our writing alongside Hammer the Grammar sessions and daily Word of the Day. This term, we will be writing:

A biography about Bessie Coleman

A short story based on Oranges in No Man's Land

A newspaper report, diary and letter linked to the Titanic.

#### Shared/Guided Reading

Everyday, we will focus on discussing text that we have shared together and developing our understanding on what we have read by answering written and verbal questions.

#### Spellings

Children are given a spelling rule to learn each week. They look up the definitions and are encouraged to use these words in their writing.

### Mathematics

#### Number and Place Value

We will be looking at digits and values attached to them up to tens of millions. We will look at the significance of place holders and the movement of numbers as they are multiplied to become larger in value and divided to become smaller in value—including the idea of decimals too. We will address how numbers can be represented through part whole models, worded names and partitioning using place value charts.

#### Addition, Subtraction, Multiplication and Division

We will be looking at formal written methods for the four operations including column methods for addition and subtraction. Moreover, we will be exploring a range of methods/techniques to tackle multiplication with large figures through the expanded column, shortened column and grid method. We will be exploring short division and chunked division as an approach towards long division questions.

#### Fractions

Fractions will be broken down into smaller and more manageable chunks of information from equivalencies and comparisons of value first and then applying this knowledge to questions that involve the four operations too.

### Science

#### Classification

In this topic, we will explore how animals and plants are grouped by their characteristics, use and create branching keys, research the work of Carl Linnaeus and carry out an experiment linked to bacteria.

#### Electricity

We will be looking at various circuits and their components and planning, carrying out and evaluating a voltage experiment.

#### Learning to document our experiments

We will also learn more about lines of enquiry and how to build an investigation using a hypothesis. We will document each experiment with a written method (which will help us learn how to use instructional writing and chronological order), a list of equipment, measurable results and a reflection on the execution of the experiment.

Finally we will discuss elements of an experiment including control and variables, which opens debate of what we could do differently next time.

### Religious Education

In RE this term our learning will focus on two big questions:

1, How and why does religion bring peace and conflict?

2, How do Buddhists explain suffering in the world?

Each of these questions will involve learning about varied religious beliefs and traditions and encourage our students to think deeply and reflect on their own beliefs alongside the beliefs of others, enabling them to hold respectful conversations. They will be able to understand and express varied viewpoints before giving their own personal opinion.

### Computing

#### Databases

For the first half term, we will be learning about the compiling and interrogation of databases as a way to log and analyse data (information). They will use the whole data process – generate, process, interpret, store, and present information. They will identify and present their results

#### Technology in Our Lives

After half-term, we will switch our focus to the technical aspects of the internet and computers with lessons looking at the difference between the internet and the world wide web as well as how devices connect to the internet. We will also find out how search engines work.

### PSHE/Jigsaw

#### Being Me in My World

In this unit, we will be learning about our role in our community as well as the experiences of other children in the world. We will consider what we need in order to live a fulfilled life and how our rights and responsibilities are part of this.

#### Celebrating Difference

In this unit we will reflect on the word 'normal' and how everyone is unique. We will learn about the laws regarding equality and then build on this through work on bullying and power and how we should celebrate our differences

### Physical Education (PE)

#### Tag Rugby

Children will learn the principles of defence and attack in team games, developing tactics and coordination to work well as a team.

#### Squash

Each class will receive coaching on Tuesday mornings from Off the Wall squash.

#### Netball

At school, PE lessons will focus on skills needed for football and netball as well as overall fitness, coordination and teamwork.

#### Gymnastics

Children will develop control and flexibility to develop movements and balances and put them together in sequences.

### Geography

#### Dividing the Earth

This term, we will be learning about the ways the world can be divided e.g. hemispheres, the equator and tropics, the poles and lines of longitude and latitude. We will find out about using longitude and latitude to locate specific places in the world (like a Sat Nav does) and how time zones were developed, how they are used and why they are needed.

### History

#### One Square Mile and the Garrison

This term, we will be learning about the impact of the Garrison on our school and how our histories are entwined using the school logbooks and other primary sources to inform us. We will work alongside the Garrison and its staff to learn about the Battle of Arnhem and take part in a memorial walk as well as finding out about how the developing Garrison has changed our local area over the years.

### Art and DT

#### Art

Our topic is 2D drawing to 3D modelling where we will take a 2D sketch and transform it into a 3D sculpture for display.

#### DT

We will use our science learning to create personalised night-lights by combining materials, decoration and a circuit.

### MFL

#### At School

During this topic, we will be learning the names of the school subjects in French and then going on to construct sentences about subjects we like or dislike, giving our reasons where we are able to.

### Music

In our music lessons we will be considering two key questions: How does music bring us together?

How does music connect us with our past?

We will sing songs and learn to play instruments including the glockenspiel and recorder.