




# St John's Green Primary School

Learn to Live, Live to Learn


## Year 6 Autumn Term 2024—Curriculum Information

We  Maths



We are all

writers ... 

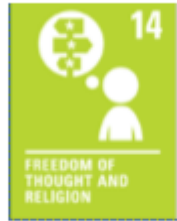
We are growing  our learning

**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



### 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, our text focus will be Boy in the Tower by Polly Ho-Yen and we will be writing:

Newspaper report	Fantasy story
Letter	Diary
Non chronological report	Poetry

We will also focus on plants—in particular the poisonous ones!

#### 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. In Guided Reading, we will read chapters of The Dancing Bear by Michael Morpurgo each week and completing written comprehensions. Please also remember to log reading at home on Boom Reader.

#### 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.

### 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.

### 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.

### 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.

### Computing

#### Scratch Programming—create a game

#### Augmented Reality—create a virtual scene

We will be launching a new computing curriculum following the D.A.R.E.S system. See below for every step we will explore.

**D - Design:** Pupils start to discuss the desired outcome for their project and are given time to tinker with the software before planning what they will do to achieve their outcome.

**A - Apply:** Pupils are given the opportunity to create, make and produce content using the app or software explored in the Design lesson.

**R - Refine:** Pupils spend time considering ways to modify and improve their projects to get the best results possible.

**E - Evaluate:** Upon completing their desired outcome, pupils are given the opportunity to reflect and consider how effectively they have achieved their goal.

**S - Share:** Learners are given the opportunity to publish and exhibit their work to the world embedding skills from the Digital Literacy curriculum.

### Art and DT

#### DT

This term, we are looking at playground structures which will include studying different apparatus and the landscape features and their purpose to making a good playground! Children will then plan and make their own playground using skills of cutting, sawing, attaching and making it look attractive to the user.

#### Art

Our unit focuses on using skills of cutting and sketching to create shadow puppets to perform a narrative. They will combine their art skills with those of storytelling and drama to make their performance effective.

### 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.

### Science

#### Light

In this topic, we will be classifying sources of light and how we see. We will be looking at how it travels and how shadows are created in experiments and ending the unit focusing on light pollution. We will use these skills in our Art unit in the second half term.

#### 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.

#### 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.

### 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

### History

#### One Square Mile—Colchester as a Garrison town

During the term, we will be finding out about the impact of the garrison on our school and how our histories are entwined using the school logbooks and other sources to inform us. We will learn more about what it means to be a garrison town and significant historical events that are linked to Colchester. Waling around the local area, we will find out more about how the garrison has changed our local area over the years.

### 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 explore the use of online tools to create musical melodies with Mrs Rowe. The classes will have the opportunity to use apps and online software to create, edit and improve their own musical compositions on laptops.