



### **Maths — fractions, decimals and percentages**

The children will develop their understanding of fractions, decimals and percentages and will use their knowledge to solve problems in a range of contexts.

### **Science – electrical circuits and their components**

Children will learn about electrical circuits, their components and how they function. They will recognise how the voltage of cells affects the output of a circuit and record circuits using standard symbols.

### **Computing – coding**

Scratch/coding - Children will learn how to code variables in games. This principle is vital for scoring, setting speeds and many other applications.

### **RSHE - Belonging to a Community**

Children will learn to recognise acts of discrimination.

### **PE**

Outdoor: hockey

Indoor: gymnastics

### **Metacognition – barriers to learning**

Children will consider barriers to learning and how to overcome these.

**Big issue:** What difference has 500 years made?

**Text:** *The Selfish Giant*

by Oscar Wilde

**Year 6 Spring 1**



### **English**

The children will be retelling a classic narrative from a character's point of view. They will develop their understanding of the setting and characters through debates, role play and discussions.

### **Geography – What difference has 500 years made?**

Children will use their prior knowledge of rivers and settlements to give reasons for the location of Docklands, presented on accurately drawn maps (including compass and grid referencing).

### **Music**

Pupils will explore pulse work in 3-time, learn to sing *Dona Nobis Pacem* as a round, learn about texture in music, and compare music with different textures. They will create their own pieces using given rhythms and chords, working from stick notation.

### **RE**

Children will be looking at the demographics in our local area and the different religions that populate our local area. They will be discussing 'What will make our borough a more respectful place?'

### **French**

Children will learn words and phrases to describe school life.

## Ways in which you can support your child at home...

Below is a list of activities available on the websites we subscribe to as a school, for which your child has their own login and password. These activities have been selected for your child to complete this half term, as they support learning in class. There are also some other helpful websites which can be accessed for free.

### LGFL

[Switched on Science - Year 6 Topic 5 \(lgfl.org.uk\)](https://www.lgfl.org.uk/switched-on-science/switched-on-science-year-6-topic-5)

Switched on Science

<http://mathsathome.lgfl.org.uk/>

Maths at home

<http://mitrw.lgfl.org.uk/index.html>

Maths in the real world

### TT Rockstars

Children have access to times tables challenges to support fluency in multiplication and division facts.

<http://mitrw.lgfl.org.uk/index.html>

### Purple Mash

Here are some suggestions that link with topics for this half term.

<https://www.purplemash.com/#tab/pm-home/science>

### BBC Bitesize

<https://www.bbc.co.uk/bitesize/guides/zhnk7ty/revision/1>

<https://www.bbc.co.uk/bitesize/topics/zpvckqt/articles/z3n7mp3>

Spag.com

There will be weekly quizzes set on spag.com which is good revision of spelling, grammar and punctuation previously taught.

### Places to visit as a family:

To support your child's learning this half term, why not consider taking a trip to the Science Museum to support their learning about the electricity. A visit to Tower Bridge is also interesting and there is a lot to learn about the Docklands, as well as a glass walkway!

### Reading

In Year 6, we expect the children to read for at least 30 minutes every day. Children should change their reading book when they have finished reading it and should ensure that they sign their reading record daily.