

# Let It Flow Year 5 Summer Term



## Key Area of Learning – Geography

### Geography

Children will confidently describe and explain the water cycle. They will be able to locate the major rivers of each country of the UK on a map of Britain and have an understanding of how a river is formed. The children will understand the main types of settlement and land use near to rivers, economic activity including trade links and other ways in which a river is useful for others though a detailed study of the River Thames. Children will also develop their knowledge and understanding of fieldwork by visiting a local river and using fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies. Children will also be looking at environmental issues linked to water such as pollution and their impact on the wildlife and the planet.

### English

We are currently reviewing our English Curriculum and this page will be updated soon.

### Mathematics

In Maths we will focus on:

- Decimals and Percentages: Round, order and compare decimals. Introduce percentages (%) and know some fraction and decimal equivalents.
- Geometry: Distinguish between regular and irregular polygons and find missing lengths and angles.
- Decimals: Add and subtract decimals using formal written methods. Solve problems involving numbers up to 3 decimal places involving measures and money.
- Measurement: Solve problems involving converting between units of time.
- Measurement: Estimate volume and capacity using cubes.

### Science

**Living things and their habitats.** We will observe and describe the life cycles in a variety of living things. We will find out the processes of reproduction in plants and animals.

**Animals, including humans.** We will describe the changes in humans as they progress to old age.

### Art

**Collage.** We will study the work of Eileen Downes and use this as a stimulus to experiment with a range of media and techniques. We will overlap and layer, creating interesting colours, textures and effects. We will select and use found materials to experiment with creating mood, feeling, movement and areas of interest. We will embellish our pieces using a variety of techniques including drawing, oil pastels, painting and printing.

### DT

#### Structure: Bridges

Pupils will identify stronger and weaker shapes and recognise that supporting shapes can help increase the strength of a bridge, allowing it to hold more weight. They will identify beam, arch and truss bridges and describe their differences. They will use triangles to create simple truss bridges that support a load (weight). They will construct a truss bridge, with varying ranges of accuracy and finish and will identify some areas for improvement, reinforcing their bridges as necessary.

**Cooking and nutrition throughout the year**

### Computing

**Continue Introduction to vector graphics** We will create images in a drawing program by using layers and groups of objects.

**Selection in physical computing** We will explore conditions and selection using a programmable microcontroller (Crumbles).

**Online Safety** We will focus on the following strands: online reputation; health well-being and lifestyle; managing online information.

### PSHE

**Relationships.** We will compare different types of friendships; explain how to stay safe when using technology to communicate, including how to stand up for myself, negotiate and to resist peer pressure.

**Changing Me.** We will discuss changes during puberty; looking after myself physically and emotionally; express feelings about the changes and that people will change at different times.

### History

#### History

Children will understand how the River Thames has changed over time and be able to explain some of the reasons for this.

### Music

**Three Little Birds-Three little birds** is a Bob Marley Reggae classic. This unit aims to provide some social and historical context to the globally famous music genre. Children will learn about features of the music through listening to classic tracks, singing the song, and adding instrumental riffs and a percussion backing to create a full class performance..

### PE

**Volleyball** Pupils will learn about the ready position, ball control, sending a ball over a net and how to use these skills to make the game difficult for their opponent. Pupils will develop character and control through engaging with coping strategies when exposed to competition and will be given the opportunity to take on the role of referee.

**Crickets** Pupils develop the range and quality of striking and fielding skills and their understanding of cricket. They learn how to play the different roles of bowler, wicket keeper, fielder and batter.

### RE

In RE we will explore the following key questions:

- How can following God bring freedom and justice?
- (People of God)
- What matters most to Humanists and Christians? (thematic)

### French

Recap of topics covered so far.

**What is the Weather?** This unit enables children to repeat and recognise the vocabulary for different weathers and ask and say what the weather is like today.