



## Willow Class - Autumn Term A - 2021

### As Readers and Writers

We will begin the term by spending a week recapping basic skills including our use of capital letters and full stops and establishing our sentence structure and handwriting.

We will be moving onto a poetry unit linked to our science topic (electricity) with the text 'Ellsworth's Electric Ears' by Valerie Fisher. The children will focus on vocabulary development and create their own class poetry book using adventurous adjectives and alliteration.

Meanwhile, within our 'whole class reading' sessions, we will be reading and studying the text: 'The Train to Impossible Places' by P.G. Bell. The children will develop their comprehension skills through well-structured whole class reading sessions. We will then link our writing to the text later in the term with focus on setting descriptions.

Handwriting and spelling will be taught and practised in discrete sessions.

### As Mathematicians

We will be starting with basic number revision and **place value**, where we will focus on: Roman numerals, representing and partitioning numbers, counting, placing numbers on a number line, comparing and ordering numbers, rounding and negative numbers.

Then we will move onto **addition and subtraction** where we will look at: adding and subtracting 3-digit (Year 3) or 4-digit (Year 4) numbers mentally. Then, using formal written methods building up from no exchange to multiple exchanges. We will also focus on pattern spotting within addition and subtraction as well as developing our reasoning and problem-solving skills within this unit.

### As Artists / As Designers

In Autumn A, the children will be designers with a focus on using electrical components and motors to design and make a toy 'wobble-bot'. The children will spend time designing and testing circuits, as well as time designing the final look of their robot.

### Religious Education

We will be exploring the question: **What is it like for someone to follow God?** We will do this by focusing on Christianity, and specifically the story of Noah, and the promises he made to God. We will then make connections to our own lives.

### As Musicians

We will be working on performing, composing and appraising with focus on the song Mama Mia by Abba.

### As Sports Stars

We will be developing our skills within P.E. based on the sports Ultimate Frisbee and Netball. Within this, we will gain an understanding of good sportsmanship and the benefits of exercise.

**Year  
4 & 5**

### PSHE

#### Being Me in my World

We will look at the children's place in community and being part of a group. How democracy works and how pupil voice allows children to have their say at school.

### As Coders (Computing)

We will be exploring Purple Mash to design and create code that simulates a physical system. The children will work towards using timers and variables to repeat commands.

### As Language Speakers

#### All around town

Children will have an Introduction to key French cities, learn to describe a town and landmarks, count to 100 and say their address in French.

### As Scientists

We will be learning about the electricity through the question: **Could we cope without electricity for one day?**

- Identify common appliances that run on electricity.
- Construct a simple series electric circuit.
- Identify and name the basic part in a series circuit, including cells, wires, bulbs, switches and buzzers.
- Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery.
- Recognise that a switch opens and closes a circuit.
- Associate a switch opening with whether or not a lamp lights in a simple series circuit.

### As Geographers

We will be learning key geographical skills through the question: **How can we navigate our way around the world?**

- Name and locate countries, counties and cities within the UK.
- Use 8 compass points to describe location.
- Name main rivers and seas of the UK and identify on a map and/or atlas.
- North or South: explain the position and significance of the Equator, the Northern Hemisphere, and the Southern Hemisphere.
- Identify lines of latitude and longitude and use latitude and longitude to identify places on an atlas, map or globe.
- Describe the key features of the polar regions and tropics and compare them with the UK.
- I can explain the position and significance of the prime Meridian.
- I can explain the position and significance of world time

