



## Willow Class - Autumn Term B - 2022

### As Readers and Writers

As readers, we will continue our class novel: **Harry Potter and the Philosopher Stone by JK Rowling**. The children have been very much enjoying listening to this story and it has encouraged them to read for pleasure. We will study this text alongside others related to our topics in whole class reading. We will develop our comprehension skills using Bloom's questioning.

As writers, we will be finishing off our non-fiction writing based on the text: **How to Live Like a Stone Age Hunter by Anita Ganeri**. Then we will develop our story writing skills by extending our sentences with a range of conjunctions, using adverbs and prepositions to express time and place, and learn how to punctuate direct speech. We will base our ideas on **Mimi and the Mountain Dragon by Michael Morpurgo**.

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

### As Mathematicians

In Autumn B, we will continue our **addition and subtraction** unit. We will recap our basic number facts including number bonds to 10, 20 and 100, before looking at adding and subtracting 3-digit (Year 3) or 4-digit (Year 4) numbers mentally. Then, we will be practising using formal written methods building up from no exchange to multiple exchanges. Throughout, we will develop our arithmetic, reasoning, and problem-solving skills.

Next, we will be starting our unit on Multiplication and Division. We will be looking at a range of mental methods for multiplication and division, as well as learning our times table facts. Year 3 will be focusing on their 3s, 4s and 8s multiplication tables whilst Year 4 will be looking at their 6s, 9s, 11s and 12s multiplication tables.

### As Designers

This term, the children will be designers and will learn use their knowledge and understanding of electrical circuits and materials to design and make a light-up sign.

### Religious Education

We will be exploring the question: **How do festivals and worship show what matters to a Muslim?** We will recap the principles of Islam and begin to explore how Muslims pray and worship, as well as find out about significant festivals.

### As Musicians

We will start by listening and appraising a piece of music called 'Walking on the Edge of a Volcano' by the London Symphony Orchestra. Then, we will be exploring our own interpretation of volcanoes with a variety of instruments.



### As Sports Stars

We will be developing our skills within PE based on Tag Rugby and Hockey. Within each sport, we will learn the physical skills, thinking skills and practices of good sportsmanship.

### PSHE

#### Celebrating Differences

We will use Jigsaw to acknowledge and celebrate our differences as well as, thinking about why we are unique and special. We will also recap anti-bullying and will be celebrating Odd Sock Day.

### 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

We will use Language Angels to learn the vocabulary for animals in French and build this into basic conversation. We will learn through a range of speaking, reading and writing activities.

### As Geographers

We will be learning about mountains and volcanoes through the question: **What makes the Earth angry?** Throughout the unit, we will explore a range of lessons and learn the following sticky knowledge:

- The Earth is made up of core, mantle, and crust.
- Mountains, volcanoes, and earthquakes are formed by the movement of tectonic plates beneath the Earth's surface.
- There are three types of mountains: fold, volcanic and block.
- Mount Everest is the world's largest mountain.
- Volcanoes erupt when magma from the Earth's core is pushed up through a shaft and comes through the Earth's surface.
- There are three types of volcanoes: active, dormant, and extinct.
- There are around 1,500 active volcanoes in the world.
- There are benefits and risks of living near a volcano.
- Tsunamis sometimes occur because of an earthquake.

### As Scientists

We will be learning about Light and Shadow through the question: **How far can you throw your shadow?** Throughout the unit, we will explore a range of lessons and learn the following sticky knowledge:

- We need light to be able to see things.
- Darkness is the absence of light.
- Light is reflected from surfaces.
- Light from the sun can be dangerous and it is important to protect our eyes.
- Shadows are formed when the light from a light source is blocked by a solid object.
- Shadows can change shape and size depending on how far away from the light source they are.

