

# Year 4 Topic Web

## Spring 1, 2024



Our value this term is: **Justice**

**English:** Our quality text this term is the picture book: **Malala's Magic Pencil** by Malala Yousafzai, illustrated by Kerascoët.

- During our fictional writing we will create a **story inspired by another culture**. By developing our description of settings and plot, we will compose wonderful stories.
- Later in the term our non-fiction writing will be a **biography** where we will think carefully about time conjunctions and possessive apostrophes.
- Our main spelling focus will be to practice our personal spelling lists that include the Y3-4 words and to identify common spelling rules.
- Our guided reading sessions will focus on our understanding of retrieving information and making inferences based on evidence from a range of texts. We will begin to make predictions based on evidence in the text.

**Maths:** We start this term by exploring **graphs** and then **fractions**. This will include:

- Drawing and reading pictograms and bar graphs
- Drawing and reading simple line graphs.

We will also be focusing on developing our knowledge of fractions by:

- Counting and writing different fractions including mixed fractions
- Finding equivalent fractions
- Adding and subtracting fractions.

**Fluency:** We will be focusing on revisiting a range of concepts and skills that support the topics above. We will continue to develop our knowledge of the multiplication facts up to and including  $12 \times 12$ .

**PE outdoor: How do I form part of a successful team to play hockey?**

This term we are developing our strength and stamina. We will undertake a variety of different exercises which will focus on:

- Practicing the skills of passing and receiving.
- Travelling with a ball.
- Passing to an opponent.
- Tackling.
- Hitting and shooting.

We will also continue developing our knowledge of how exercise is part of a healthy lifestyle.

**PE indoor: How do I improve my balance and coordination in gymnastics?**

This term we will continue to work on:

- Building a movement sequence with a partner.
- Paying attention to control, accuracy, and consistency in our movements.
- Responding to feedback from peers and gradually incorporating new pieces of apparatus into our routines.

**RE: What does it mean to be a Hindu in Britain today?**

This term we will continue to build on our RE knowledge of different faiths and beliefs. We will start by exploring how we are all unique but there are some things that we all need and some things that are important to every person. We will be exploring different Hindu beliefs and practices such as:

- The significance of the items on a Puja tray
- Why many Hindu's believe that life is a cyclical journey
- How Hindu's can use their senses during worship
- Comparing and contrasting what is important to a Hindu child's life and a child of a different faith.



### **Science: How can we create a series circuit??**

We will begin to explore and understand electric circuits by:

- Learning how to use electricity safely.
- Learning the function of all the parts in a simple series circuit.
- Exploring the function of a switch in an electrical circuit.
- Identifying which materials make good conductors and insulators.

### **Computing: How do I program on Turtle Academy?**

This unit lets us explore programming by:

- Having opportunities for planning, modifying, and testing commands to create shapes and patterns.
- Using Logo, a text-based programming language.
- Focusing on looking at repetition and loops within programming.

### **PSHE: How can we plan our goals for the future?**

In PHSE we are exploring our hopes, dreams, and goals for the future. We will consider what we need to do to try and achieve these by:

- Learning how to set realistic and achievable goals.
- Recognising that success is not always easy or guaranteed.
- Learning that you need to work hard and persevere to achieve success.
- Learning how to set long-term goals.

### **DT: How do I create a simple nightlight?**

This unit supports our science perfectly. Through a DT perspective we will apply our learning of how a simple electric circuit works. We will also:

- Experiment with using simple electric circuits.
- Fix a broken electric circuit and set up our own versions.
- Plan and design a nightlight that is powered by a simple electric circuit.

### **French: How can we hold a conversation about my family?**

We will continue to build on our speaking and listening skills by learning to:

- Recognise the meaning of nouns for members of our families.
- Recognise and use some basic phrases to describe family members.
- Recognise and say some names of different parts of the face to describe people.

### **Geography: How do rivers change over time?**

This term we will be investigating how rivers are formed and how they can change over time. We will develop our geographical skills by:

- Naming the different parts of a river.
- Exploring how many rivers are formed.
- Locating famous rivers around the world.
- Investigating how rivers change over time.
- Learning how humans can have both positive and negative impacts on rivers and their ecosystem.

### **Other information**

**PE kits:** Mondays and Fridays

**Violins:** Tuesdays - Swifts, Wednesdays - Kestrels

**Trip:** Thursday, 29<sup>th</sup> February to the Corinium Museum, Cirencester.

### **Music: How can I perform music as part of an ensemble?**

We will continue to develop our basic violin and cello playing by:

- Listening and responding to simple pieces of music
- Playing together so that everyone keeps in time
- Improvising together
- Reading and following simple musical notation.