

### Mathematics: Place Value

This term we will start by learning all about place value. This involves us recognising numbers as numerals and words as well as counting and organising groups. We will learn to compare numbers and groups in different ways before moving onto using number lines to sort and count. After this we will move onto learning about adding and subtracting by making groups larger and smaller, finding more and less, writing number sentences and calculating 1 more or 1 less. We will finish the term using a number line to help us solve problems that involve adding and subtracting.

### History: The Titanic

We will be learning about what happened to the Titanic. To enable us to be historians we will learn skills to help us find information from pictures and then ask questions that we can use that information to answer. We will be looking at primary sources such as, report from the time, artifacts, and plans. We will learn how to present our finding and also think about how we can use history to help prevent such a disaster happening again.

### Religious Education: Judaism

This term our RE question is who is Jewish and how do they live? We will be learning about Shabbat, Hanukkah, looking at work from a famous Jewish artist called Alex Levin. We also plan to learn what a sukkot is and what is inside a Mezzuah and if we are lucky we might even get to make challah bread.

### Science: Growth

In this half term we will be learning about animals including humans. We will start by recognising what do animals and humans need for survival. Then we will start to learn how to look after our bodies by exploring healthy choices such as food and exercise.

### PSHE: Being me

In PSHE are looking at Being Me this term. We are embedding skills such as how to feel safe and special at school. Understanding our rights and responsibilities, how to make school a safe place for everyone and how to be proud of our achievements and choices.

### DT: Wheels and Axles

We will be investigating, designing and making our own vehicle that has axles and wheels. To achieve this, we will use drawings and models to show our ideas. We will be investigating a range of existing products. Selecting and using tools as well as evaluating our final product.

### English: Traditional Tales

We will start the term by completing 2 weeks on 'Labels, lists and captions' linked to Traditional Tales. We will explore a wide range of traditional tales and start by labelling them and writing lists of what we can see. Then we will use all this learning to help us write captions for these pictures.

Then we will move onto focusing on one traditional tale, Little Red Riding Hood. We will kick this unit off by focusing on sequencing the story through lots of oracy and role-play. Then we will start to analyse WAGOLLS, generate vocabulary, create wanted posters, use adjectives in a sentence before we imitate the story. After we have finished writing the story, we will then look to innovate the story to make it our own. Then we will write our own versions of Little Red Riding Hood.

## Autumn 1

### Computing: Algorithms

This half term we will learning what an algorithm is. We learn that computers don't have a brain, and we control them by giving them instructions. We will learn that the order of instructions in an algorithm is important. We will create our own algorithm to control some software. We will find out that an algorithm entered into a computer is called a program and that computer games are created by a person. To keep us safe we will learn that there are rules around how old you need to be to play some games. We will use our skills to create a simple program to control a device by planning an algorithm then testing it out and improving it.

### PE: Basketball

We will learn to roll and stop a ball, throw and catch a ball whilst moving, control a ball whilst moving around and bounce a ball when moving. We will use this learning to help us play small basketball type games.

### Music: Introducing Beat

We will answer the question, 'How Can We Make Friends When We Sing Together?'. To achieve this, we will learn about that every piece of music has a heartbeat - a musical heartbeat. When we are listening and singing to the music and songs this term, we will learn to find and keep the pulse or steady beat together. We will learn to march, clap or sway in time and find a movement that helps you to keep the beat.