

**English:** Our focus for this half term will be the following text, following Talk for Writing strategies and daily grammar and punctuation tasks.

Newspaper reports based on the text 'Dragons must go.'

Poetry – 'Twas' the night before Christmas'

### **Science:** The Circle of life - Life cycles

To describe the life process of reproduction in some **plants** and animals.

To take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate.

To record data and results of increasing complexity using scientific **diagrams and labels**, classification keys, tables, scatter graphs, bar and line graphs

I can describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.

I can report and present findings from enquiries.

# How is our country changing?

2023

## **Maths**

### **1. Multiplication and Division**

To use knowledge of multiples to divide

To solve problems using a range of calculating strategies

To use a written method to multiply

To solve problems using knowledge of factors

To use a written method to divide

To solve problems involving division with remainders

### **2. Converting units of measure**

To solve problems involving converting between seconds, minutes and hours

To solve problems involving converting between units of time

To convert between g and kg and understand lb

To convert between units of length

To calculate and measure perimeter

### **3. Volume and Area**

To calculate the perimeter of rectilinear shapes ensuring the length of all sides are included.

To use multiplication to calculate the area of rectangles.

To use different strategies to calculate the area of rectilinear shapes.

To calculate the area and perimeter of rectilinear shapes.

To give reasonable estimates of non-rectilinear shapes on a grid.

## **PE:**

- Yoga
- Dodgeball
- Dance

## **PSHE:** Valuing differences:

Children will be able to identify how we are different and valuing others around us.

## **RE:** Christianity

Learning to evaluate different accounts of the Christmas story and understand that stories can be true in different ways.

## **Computing:** Online Safety & Databases

To discuss and understand the importance of keeping personal information safe.

To understand issues concerning the reliability of sources and people online.

To learn how to search for information, contribute information and create a database.

## **D.T-** Structures – Shell structures, Marbulous structures

- To investigate free standing structures.
- To select and use a wider range of tools for a variety of practical tasks
- To select from and use materials and components to make a Stable frame structure
- To evaluate their ideas against their own design criteria and consider the views of others to improve their work in the context of evaluating their marble run against the design criteria

## **Geography:** How is our country changing?

In this unit, the children will find out about the regions of the UK, discovering how some of these areas have changed over time. The children will research how specific areas of the UK have been affected by change, before conducting a fieldwork activity on their own area, writing a magazine article and working towards the Big Finish.

## **Music:** Sing and play in different styles

### **How does music connect us with our past?**

Singing and playing in different styles with different grooves is part of being in a band or an ensemble. We learn about music from all around the world, too. In music, 'tempo' refers to the speed of the beat – or how fast or slow the music sounds. Sometimes tempos stay the same throughout a song, and sometimes they change. When you are singing and playing, explore the various tempos of the music in this unit.