

## Year 4 – Spring 2 Curriculum Map

### Overview of topics:

A study of the Alpine region, Scientists and inventors, Data information and logging, making the world a better place & Indian Art.

**Maths:** In maths, we will be developing our understanding of:

- Length and perimeter
- Fractions
- Decimals

We will also be having weekly arithmetic lessons and the children will have the opportunity to answer reasoning questions to embed their understanding. We carry out Mastering Number sessions four times a week to help embed number knowledge. We will continue to develop our times table knowledge through 'rolling numbers' to enable us to become fluent and apply this to our work.

**Please encourage your child to use Times Table Rock stars as frequently as possible to develop times table fluency.**

**English:** In English, we will be reading Kensuke's Kingdom and writing:

- A balanced argument
- A setting description
- A persuasive text

**Homework: English/Maths:** The children have a CGP targeted English and Maths work book. This will be set on a Friday and due the following Wednesday.

**Spellings:** Spellings will be given out on a Friday to be learnt and then tested the following Thursday.

**Reading:** Please ensure children are reading at least 3 times a week at home and their reading records kept up to date. Reading records will be checked every Friday.

### **Geography:**

In geography, we will be looking at:

- What the Alpine region is and where it is located.
- Understand how mountains in the Alps are formed.
- Design a suitable house for the Alpine region.
- Explore the impact of the tourist industry.
- compare the Alpine region to Snowdonia.

**Computing:** This term, we will learn how to:

- Gather data over time that can be used to answer questions.
- How to use a digital device to collect data automatically.
- Understand that a data logger collects 'data points' from sensors over time.
- How to use data collected over a long duration to find information.
- How to identify the data needed to answer questions.

### **Science:**

In science, our class will learn about famous scientists and inventors linked to the year 4 science curriculum. They will learn about the dangers posed to living things in Madagascar and Gerald Durrell's conservation efforts on the island. The children will learn about Alexander Graham Bell and his invention of the telephone, as well as modern improvements on his invention by inventors like James West. Children will look at the early uses of solar energy in homes, invented by Maria Telkes, and then build their own basic solar oven.

### **PE:**

**Emerald:** Swimming on Friday mornings (28<sup>th</sup> February- 26<sup>th</sup> March 2025) & outdoor PE on a Monday afternoon.

**Amber:** Indoor PE on Monday afternoons and outdoor PE on Wednesday afternoons.

**RE:** In our RE lessons we will be looking at 'making the world a better place,' exploring what people believe and the difference this makes to how they live.

**PSHE:** In our PSHE sessions we will be using the Jigsaw scheme of work to discuss 'Healthy me'. This will help us explore foods and drinks and how to live a healthy balanced diet.

### **Art, Design and Technology, Music:**

In art, we will be immersed in the fascinating art and culture of India. Children will have the chance to explore and recreate Indian paintings, create intricate Indian patterns and use these to make beautiful mehndi designs, use block printing to make patterned fabric and much more!  
In Music, we will be studying and performing the song 'Lean on me'.