

## 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 & Around the World Art (focus on India).

**Maths:** In Maths, we will be continuing to use the Power Maths scheme to focus on the following topics:

- Fractions (mixed numbers, equivalent fractions, comparing fractions, fractions of amounts, adding and subtracting fractions).
- Decimals

We will also be continuing to practise our times tables through weekly tests, TT Rockstars in class and as well as completing weekly maths homework.

**Geography:** In Geography, we will be focusing on a study of the Alpine Region. We will locate countries on a map of Europe and identify those which spread across the alpine region. We will discuss how fold mountain ranges are formed, and that mountains form over millions of years because the Earth is continually changing. We will look at how homes are designed to suit their physical location and the importance of the tourist industry to Alpine communities. We will then research and compare the Alpine Region with a region in the UK.

**English:** In English, we will be reading Kensuke's Kingdom by Michael Morpurgo and focus on the following:

- Write a persuasive letter
- Writing a diary entry from the perspective of a character.
- Writing a balanced argument
- Plan and write a non-chronological report and prepare a presentation.

Reading and spelling homework will be issued each week to support learning. Please encourage your child to read with you regularly at home and ask them to tell you about what they have read.

**Science:** In Science, our class will learn about famous scientists and inventors linked to the Y4 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, then build their own basic solar oven.

**RE:** In our RE lessons we will be looking at significant people who make the world a better place.

**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 that teach us how to live a healthy balanced diet and in the future.

### 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 activities based around the song 'Lean on Me'.

**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, to understand that a data logger collects 'data points' from sensors over time, how to use data collected over a long duration to find information and how to identify the data needed to answer questions.

**PE:** Our PE sessions will take place on a Friday afternoon for Red Class. We will be covering a range of fun activities and learning about the importance of physical exercise.

Year 4 will also be swimming on Friday mornings.