

Year 4 – Spring 2 Curriculum Map

Overview of topics:

All Around the World, Scientists & Inventors, Sikhism & Data Logging.

Maths: In Maths, we will be developing our mathematical fluency with decimal numbers; focusing on ordering and comparing, as well as finding equivalent fractions. We will also be learning how to calculate with decimals, including with money, as well as solve problems involving decimal numbers. We will also continue to develop efficient written and mental methods and perform calculations accurately. We will also be practising our times tables through weekly tests, as well as completing weekly maths homework.

Geography: In Geography, we will be taking a closer look at where the countries of the world are located, and some of the ways geographers describe locations. We will learn to locate and describe places using longitude and latitude, and find out about some of the important lines that delineate specific areas of the Earth - the Equator, the Hemispheres, the Poles and the Tropics. Finally, by looking more closely at the lines of longitude, we will develop our understanding of time zones.

English: In English, we will be looking at persuasive writing where we will be developing an understanding of persuasive techniques used to attract people to attractions/places of interest, identifying the structure of persuasive texts and then using this knowledge to create our own. We will also be covering Year 4 grammar in detail, focusing on single and multi-clause sentences, using determiners for effect and how to vary our noun choice. 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, we will be studying famous scientists and inventors linked to the Y4 Science Curriculum. We will learn about the dangers posed to living things in Madagascar, and Gerald Durrell's conservation efforts on the island. We will also learn about Alexander Graham Bell and his invention of the telephone, as well as modern improvements on his invention by inventors like James West and Gerhard M. Sessler. We will also be looking at the early uses of solar energy in homes and building our own basic solar oven.

RE: In our RE lessons we will be exploring Sikhism, focusing on its origins, core beliefs, festivals and special places. We will also explore and identify key Sikh symbols and understand their meanings.

PSHE: In our PSHE sessions we will be using the Jigsaw scheme of work to discuss 'Healthy Me'. This will help us understand why it's important to make healthy friendships and understand the benefits of keeping physically active.

Computing: This term, we will be looking at data logging, where we will be considering how and why data is collected over time. We will collect data as well as access data captured over long periods of time. We will look at data points, data sets, and logging intervals. We will also spend time using a computer to review and analyse data.

PE: Our PE sessions will take place on a Monday with Premier Sports who will be covering a range of fun activities and teaching us about the importance of physical exercise. Red and Blue class will also have swimming on a Friday so will need to remember their swimming bags.

Design and Technology & Music: In DT, we will be focusing on important Victorian inventions and more recent 20th century inventions created by British inventors and scientists. We will discover how these inventions have changed the lives of the people who use them and design and evaluate our own problem-solving products.

In Music, we will be studying and performing activities based around the song 'Lean on Me', a pop song by Bill Withers.