

As mathematicians we will be....

We will be following the White Rose Maths Scheme. Our units of work this half term will be Converting units of measurement, Perimeter, area and volume and also Ratio.

As scientists we will be.... studying Living things and their habitats. This will involve categorising animals by looking at their similarities and differences, learning about the standard form of classification created and used by scientists, researching the classification of their own chosen animal, creating their own 'curious creature' and then trying to classify it and finally, they will be learning about micro-organisms and conducting their own investigations to see how mould grows on bread.

As information technologists we will be.... evaluating the effectiveness and efficiency of my algorithm while I continually test the programming of that algorithm, recognising when we need to use a variable to achieve a required output. We will use different inputs (including sensors) to control a device or onscreen action and predict what will happen. We will use logical reasoning to detect and correct in algorithms and programs. We will also explore the differences in programming software.

As health and well being experts we will be.... developing our agility, balance and coordination skills through the 'real' PE scheme of work and learning how to work with others and develop skills such as communication and creativity. We will also be developing our team sports skills and learning how to compete with and against others.

As writers and communicators we will be.... finishing our work on the novel, 'Journey to the River Sea', writing a persuasive letter and a televised news report.

The children will also be studying the text, 'Sir Gawain and the Loathly Lady' and producing pieces of extended writing relating to this text. This will include both fictional and non-fiction writing, including writing essays to demonstrate their understanding of the text.

We will be practising our spellings of words with unstressed vowels, words ending with schwa after a vowel and after a consonant, words beginning with acc and words ending in able, ible, ably and ibly. In our grammar lessons we will be learning about how to link ideas across paragraphs using cohesive devices (repetition of words, adverbials, ellipsis) and we will be recapping on conjunctions (coordinating and subordinating), determiners and expanded noun phrases. Our punctuation work will focus on how to punctuate bullet points correctly and how semi colons can be used in lists.

Redwoods

Spring 2

How would life have been different in Ripponden during the Industrial Revolution?



As artists and design technologists we will be.... studying the work of William Morris and creating our own designs using block printing. We will also be creating 3D pictures of rivers using different materials to create texture. Our design technology work will involve researching how a water wheel works and then designing, making and evaluating our own.

As musicians we will be.... developing our understanding of pulse, rhythm, pitch, tempo, dynamics, timbre, texture and structure through a fun pop song. The children will develop their singing skills and be developing their ability to read and understand written music by playing the recorder.

As historians we will be.... conducting a study of the local area, particularly focussing on the impact of the industrial revolution and what life would have been like in Victorian times for the children of Ripponden.

As members of a multi-faith community we will be.... learning about what Christians believe about Jesus' death and resurrection.