

As mathematicians we will be....

We will be following the White Rose Maths Scheme. Our units of work this half term will be fractions, percentages and decimals; area, perimeter and volume; statistics.

As scientists we will be.... learning about the circulatory system.

We will be finding out about the different parts of the system and also the functions of the heart, blood vessels and blood. We will also be learning about healthy lifestyles and investigating the effect that exercise has on the heart and our bodies. In addition to this, we will also be learning how water and nutrients are transported around the body.

As information technologists we will be.... continuing our work on coding using the online program 'Purple Mash'. Following on from this we will be starting a new unit called 'Text Adventures' where we will be using our coding skills to create a 'Choose your own adventure' style text based game.

As health and well being experts we will be.... developing our skills of balance through our Real PE lessons. Through these lessons we will also be developing our knowledge of tactics and how to compete. In addition to this, we will be learning how to use orienteering maps around the school grounds and developing a range of skills as well as developing our fitness and stamina.

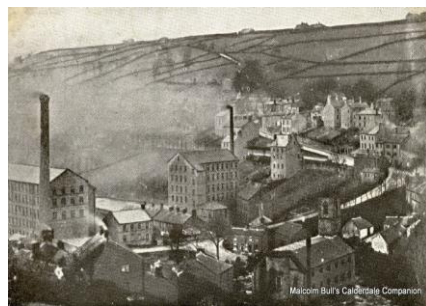
As writers and communicators we will be.... reading and studying the novel Pig Heart Boy by Malorie Blackman. This is a book with many issues for the children to discuss and debate. There will be opportunities for the children to write balanced arguments, narratives, newspaper reports and diary entries.

We will be practising our spellings of words with unstressed vowels, words ending with shuhl 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.... learning how to build different structures and testing these structures. We will then apply this knowledge to designing and building a waterwheel. This will involve using different types of structures and moving parts. We will be testing and adapting our designs to improve them as they develop and identifying what makes a successful structure.

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.