

Year 6

Autumn Term 1 – Industrial Revolution



Main Texts

Sky Song
Abi Elphinstone

Maths

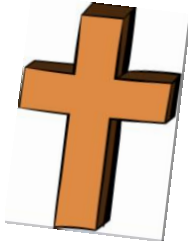
We start the year working with numbers and place value up to 10 million and move on to using all four operations with these numbers as well as solving problems using them. We will be learning about roman numerals and starting our fractions learning sequence.

Science

As part of our topic into the changing world of the Industrial Revolution, we will be looking at electricity and how circuits work. We will be working out what affects different components of a circuit how we can apply circuits in the real world.

Vocabulary:

Circuit, complete circuit, circuit diagram, circuit symbol, cell, battery, bulb, buzzer, motor, switch, voltage



Come and See

We will be looking at how God's love is unconditional in our Loving topic. In our Vocation and Commitment topic we will be looking at the sacrament of ordination and finding out what it takes to be a priest.

Vocabulary:

Unconditional, forgiveness, mercy, prodigal, parable, reconciliation

English

We will be reading 'Sky Song' by Abi Elphinstone. We will discuss and explain what we read and provide reasoned justifications for our views of the characters and the events that unfold in the story. We will draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justify inferences with evidence and we will be able to predict what might happen from details stated and implied. We will be able to identify how language and structure contribute to meaning and discuss and evaluate how authors use language, including figurative language, and consider the impact on the reader. We will read and look at a wide range of text types: letter writing, diary writing, narratives of descriptive settings and character descriptions and book reviews. We will plan our writing to suit the audience and the purpose and select grammar and vocabulary for effect including the use of figurative language and the passive voice. We will ensure that we have grammatical consistency and that our writing is cohesive. We will use our knowledge of spelling patterns in independent writing and use a range of full punctuation. We will be learning the prefixes – trans, bi, tri and semi as well as the 'shus' and 'shul' sound. All year we will be visiting and revisiting the Year 5/6 spellings and this half term we will be doing lots of revision of Year 3/4 spellings. We will continue to develop a legible handwriting style.

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Humanities	STEM
<p style="text-align: center;">History</p> <p>As we are focusing on the changes to society over the course of the Industrial Revolution, we will be learning about specific aspects of technology and how they have changed over time. We will look at how lifestyles change and how different laws affected how lifestyles changed. We will also be looking at Liverpool, and discussing how, and why, it grew so much during the Industrial Revolution.</p> <p style="text-align: center;">Vocabulary: Legacy, significance, change, extent of change, chronological, import, export,</p>	<p style="text-align: center;">DT</p> <p>As a cross-curricular topic – with Computing and Science – we will be designing and making items that use circuitry and programming. We will talk about the target market for our devices and evaluating how they could be improved in both the design and programming aspects.</p> <p style="text-align: center;">Computing</p> <p>To go alongside DT and Science we will be programming some money boxes so they make noise when we put money in them. We may even install a burglar alarm in them so no one can take them!</p>
Arts	PE
<p style="text-align: center;">Art</p> <p>We will be looking at the industrial art of Lowry in our Art this term. We will be recreating his style in our sketch books using pencils and charcoal, and discussing what makes his work unique.</p> <p style="text-align: center;">Music</p> <p>We will be looking at the song Happy, talking about the structure and style, how it makes us feel and looking at some of the History of the music that has led up to it.</p>	<p style="text-align: center;">Swimming Play Leading</p>