

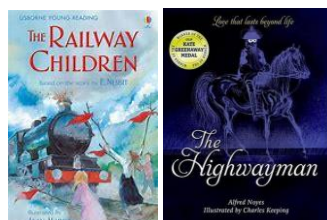
# Year 5 - Autumn Term Curriculum Plan 2024

## Topics: Heroes and Villains and The Industrial Revolution.

This plan is to give you an insight into the topics your child will be covering this term- it's not intended as extra homework, just a prompt for some discussions you might want to have at home.



### English



**Writing:** Independent pieces across a range of genre and form

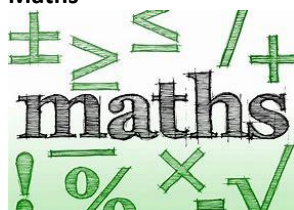
**Text:** The Railway Children. E. Nesbitt

**Poetry:** The Highway Man by Alfred Noyes,

**Spelling, Grammar, Punctuation** revision of key spellings from Year Four then learning and practising words beginning with a variety of prefixes and suffixes. Children will also begin to learn the statutory spellings from the Year Five and Six National Curriculum. (see home learning sheet for more detail) In grammar lessons, children will be revising parts of speech and also focussing on developing their ability to apply a wider range of punctuation with consistency. We will also be revisiting wo

**Reading:** Children will read a variety of texts and develop their comprehension skills with a particular focus on learning to understand words in context.

### Maths



#### Place Value

Roman numerals, reading, writing and ordering numbers up to one million.

#### Addition and Subtraction

Mental calculation strategies; written methods, rounding and inverse calculations.

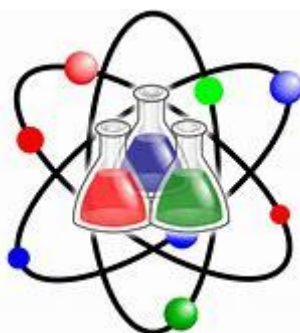
#### Multiplication and Division

Exploring multiples, factors, squares and cubes; mental calculation strategies for multiplication and division and written methods.

#### Fractions

Find and recognise equivalent fractions, convert improper fractions and mixed numbers, compare and order fractions, and add and subtract fractions.

### Science








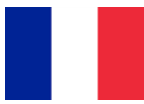
#### Properties and changes of materials

Children will;

- Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets
- Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution
- Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
- Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic
- Demonstrate that dissolving, mixing and changes of state are reversible changes
- Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

#### Forces

- Exploring gravity and identifying the effects of water resistance, air resistance and friction.

	- Recognising that some systems such as pulleys, gears and levers allow a smaller force to have a greater effect.
<b>Art &amp; Design Technology</b> 	<p><b>Art:</b> Use sketch books to record their observations and to review and revisit ideas. Children will study the works of artists, including LS Lowry, and create their own versions of the pieces studied.</p> <p><b>DT:</b> Children will study Steampunk art and create 3D interpretive sculptures using cogs and wheels.</p>
<b>History/Geography</b> 	<p><b>History:</b> Children will learn about life in the Georgian times, study how Britain changed during the Industrial Revolution and look closely at the impact that those changes had on life. Children will be asked to consider the differences between the lives of rich and poor and they will develop skills in reading, analysing and presenting information from more than one source.</p> <p><b>Geography:</b> Investigate using maps, atlases and online sources to study the physical and human geography of our own locality and other countries in the world. Children will locate the countries and capitals of The British Empire.</p>
<b>PE/Games</b> Physical Education 	<p><b>PE/ Games:</b> Play competitive games e.g.; football, netball, hockey and apply basic principles suitable for attacking and defending. Take part in outdoor challenges both individually and as a team. Perform dances and gymnastics using a range of movement patterns.</p>
<b>RE</b> 	<p>To explore the meaning of faith.  To explore the concept of God in a variety of religions.  To re-visit the Christmas story.  Children will develop the ability to express, share and challenge their ideas, opinions and reflections.</p>
<b>PSHE</b> Personal, Social, Health Education 	<p>To focus on the well-being of ourselves and others. Throughout our curriculum, pupils consider and discuss how to treat others using our Core Values as a guidance throughout life.</p>
<b>MFL</b> Modern Foreign Languages 	<p><b>French:</b> <b>La Date</b> <b>As-tu un animal?</b>  Children will learn vocabulary linked to the date and pets. They will listen and show an understanding of simple sentences and say longer sentences using familiar language.</p>