

YEAR 6 AUTUMN TERM

The Big Question: Would you consider the Industrial Revolution to be positive or negative for the planet?

Trip: Formby Beach, Quarry Bank Mill, International Slavery Museum, Hindu Temple

Guest Speaker: RNLI Volunteer, Greater Manchester Fire and Rescue Service

Class Reader: Cogheart, Oliver Twist

MATHS

Throughout the autumn term, we will be covering the following areas:

- Place value including decimal places
- Addition and Subtraction
- Multiplication and Division
- Geometry – 2D and 3D shape
- Fractions, Percentages and Decimals
- Geometry – Angles
- Measurement – Length, Perimeter and Mass
- Measurement – Area and Volume

The aim is to cover the units multiple times over the course of the year to keep understanding and fluency fresh in pupil's minds.

- Creative
- Multiple perspectives
- Justify
- Debate
- Cause + Consequence
- Share a Story
- Make Connections
- Wider World
- Economise

RE

Hinduism and Religious Diversity in the UK -

Our aims for this unit of religious education are:

- To enquire into and understand the core beliefs of Hinduism.
- To understand how Hindus worship.
- To discover a handful of the hundreds of deities in Hinduism.
- To observe and understand the meanings behind some of the iconography of the religion
- To enquire into the diversity of religion in the UK and discuss the may opinion its citizens have on the matter.

We will also be looking more in-depth at the holy festival of Diwali – the festival of lights!

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ENGLISH

Diary of a Pauper Kid -

Year 6 will begin this term by drawing on their knowledge and experience of the Industrial Revolution and the children that kept it running. Pupils will create four diary entries of a child mill-worker as they begin their working life.

Setting Description -

During this unit, pupils will imagine themselves to be intrepid explorers searching for a rare species of animal rumored to exist deep in the jungle. Using rich and varied descriptive language and the use of present tense to add suspense, this writing should produce a vivid picture of words that is easy for the reader to imagine.

Persuasive Writing – Using knowledge gained through their studies in History, Geography and independent research, Year 6 will form a persuasive piece of writing designed to convince Wigan Council to convert to clean energy resources to combat the threat of climate change.

The Big Question -

The final piece of writing will be answering this term Big Question – Would you consider the Industrial Revolution to be positive or negative for the planet?

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PSCHE

Getting On and Falling Out -

This term, pupils will take a look at relationships and the various levels of friendship. Friendship can be a very confusing and challenging part of life, navigating the intricacies of relationships is hard enough for adults!

This unit is designed to help children to be better equipped and more understanding when it comes to making friends and what to do when we fall out.

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HISTORY

The Victorians and the Industrial Revolution -

First on the list of historical discovery for Year 6 is the Victorian era - more specifically, the Industrial Revolution. Pupils will be studying the profound impact this period in time had on humanity and the rest of the planet.

From the origins of mass production through to the radical changes civilization went through by the turn of the 20th Century, we will be studying the effects and cost of progress during this period.

As part of this unit, we will also be visiting one of the last fully operating industrial mills in the UK, Quarry Bank, to experience the terrific – and horrific - stories of the Industrial Revolution for ourselves.

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GEOGRAPHY

Coastlines -

Throughout history, coastlines of all types were the first sights for migrating people of their new home. We have settled them, they have served as protection, and they still to this day offer a livelihood for millions of people. It cannot be understated how important our coastlines are from both a historical point-of-view and from a modern one.

During this unit, children will study our coastline and highlight important sites such as ports of trade and commercial fishing as well as the people that call coastal towns home. We will also study the coast's wildlife and how preservation of the UK coastline is more important than ever.

We will be using a variety of skills throughout the unit such as map reading and grid referencing, identifying species of coastal creatures, building research skills using I.C.T., and expanding our vocabulary by looking at specific terminology.

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	SCIENCE
Creative	<p><u>Adaptation, Inheritance and Evolution -</u></p> <p>This term, Year 6 will study adaptation, inheritance and evolution in nature, specifically the peppered moth which underwent a rapid change due to the Industrial Revolution. We will use our knowledge of the period to better understand the reasons for this change and begin to appreciate why this was an important study in understanding and observing evolution.</p> <p>In addition to this, we will also be taking a closer look at binominal nomenclature – the process of naming a species using Latin – and its creator Carl Linnaeus.</p> <p><u>Optics: An Investigation of Light -</u></p> <p>The second science unit will be on the topic of light. Year 6 will study the particles that make light and the physics of how it can be manipulated through experimentation.</p>
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	PE
Creative	<p><u>Athletics and Cross-Country Running -</u></p> <p>During the autumn term, Y6 will be focusing on athletics and cross-country in preparation for the competitions that come in thick and fast.</p>
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	MUSIC/MFL
Creative	<p>Ukulele -</p> <p>We are once again fortunate enough to have Mrs Holcroft back this year to give the children a fantastic, professional music education.</p> <p>This term, children will perform in both solo and in an ensemble, compose and record their own piece and deepen their understanding of notation and formal written music.</p>
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	ART
Creative	<p><u>Arts and Crafts Movement -</u></p> <p>During the Industrial Revolution, many creatives and artists became frustrated with mass production and felt that artistry and craft were being lost to automated machinery.</p> <p>As a result, the Arts and Crafts movement was born. Characteristics of this style are ornate wallpapers and themes of nature and can be represented in multiple formats – from knitting to hand carved furniture. The purpose was to restore a bespoke and hand-made feel to decoration.</p> <p>With this in mind, Year 6 will design and produce their own intricate wallpaper using natural themes and pattern. We will be using polystyrene blocks to carve and print our patterns.</p>
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	DESIGN AND TECHNOLOGY
Creative	<p>The Autumn term doesn't have any dedicated design and technology focus but, rest assured, Spring and Summer terms will be jam packed with DT focused projects.</p>
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	COMPUTING
Creative	<p><u>Presentation Software -</u></p> <p>This term, Year 6 will be drawing upon all they have learned in the field of computing to research, gather and present data and information relating to the Coasts unit.</p> <p>Understanding how to compile and best present information using Powerpoint will be the focus, yet the process of researching is, in itself, a skill. Children will be expected to draw on their own knowledge and search for information online, deciding upon what is relevant to their presentation.</p> <p>As always, pupils will be expected to conduct themselves responsibly when using technology, especially when online.</p>
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