

Year 5	Autumn 1	Autumn 2
Theme	The Victorians in the Midlands	Earth & space Planetarium
Reading Author of the term	Charles Dickens	Charles Dickens
Poet for the half term	John Godfrey Sake - The Blind Men and the Elephant	Gareth Lancaster - Sailing Out to Space
English Key genres for writing	A diary entry from the point of view of a child chimney sweep or other children worker. Newspaper report on crime in Victorian times. Informal letter- from the point of view of Oliver Twist. A biography of a famous Victorian A non-chronological report on The Great Exhibition	Poetry- Space Information Leaflet about the solar system. Balanced reports about whether aliens exist. Story writing- Science fiction stories.
Maths linked to topic	Timeline - monarchy Branching diagrams – family tree	Measures: Distance in m and km
Maths	Place value, counting and negative numbers, addition and subtraction, multiplication and division, measures – length, geometry - shape, angles, symmetry, position and direction, coordinates.	
Humanities	Key areas of study: The monarchy – family tree – link to current royal family The Great Exhibition – 1851 The Empire	The history of astronomy and space exploration A study of the work of famous scientists: Galileo, Copernicus, Sir Isaac Newton and Albert Einstein

	<p>The life of Victorian children – rich and poor</p> <p>Why were the Victorians so important? What is their legacy?</p> <p>Find and locate the British Empire on a world map, discover why the British Empire expanded to these countries? What were their natural resources? How were goods transported? (sea, railways, canals)</p>	
Art and design	<p>The Impressionists (Renoir, Van Gogh, Degas, Monet)</p> <p>To develop impressionist techniques using paint, pastels, oil pastels, watercolour on canvas. Pupils produce a picture of the Birmingham skyline on canvas using the style and techniques of the Impressionists.</p>	
Science		<p>Earth and space</p> <p>Describe the movement of the Earth, and other planets, relative to the Sun in the solar system</p> <p>Describe the movement of the Moon relative to the Earth</p> <p>Describe the Sun, Earth and Moon as approximately spherical bodies</p> <p>Use the idea of the Earth's rotation to explain day and night.</p> <p>Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object</p>
Design and technology		Design and make a moving solar system

Computing	<p>Programming and control using Scratch</p> <p>E Safety: You, your friends and the internet</p>	<p>E Safety</p> <p>To realise the nature and consequences of discrimination, teasing, bullying and aggressive behaviours (including cyber bullying, use of prejudice-based language, how to respond and ask for help)</p> <p>Staying safe in a digital world</p>
RE	<p>History-The Victorians</p> <p>Children to explore the different ways in which children suffered during the Victorian times. What are children's responses to this suffering?</p> <p>Children to consider what their responses should be if they came across anyone who is suffering and in need.</p> <p>Focus on the work of Dr Thomas Barnardo who set up a charity to help the children living on the streets in Victorian Britain.</p> <p>How did Dr Barnardo's religious beliefs influence him to help poor children?</p> <ul style="list-style-type: none"> • Caring for others • Sharing and being generous • Being regardful of suffering 	<p>Dispositions linked to the Planets topic</p> <p>Being Imaginative and Explorative</p> <ul style="list-style-type: none"> ■ Being Hopeful and Visionary ■ Being Courageous and Confident ■ Being Curious and Valuing Knowledge
PHSE	Legacies	<p>Road safety</p> <p>An understanding of the meaning of traffic signs and symbols</p>
PE	<p>Dance 5R</p> <p>Gymnastics 5Y</p> <p>Invasion Games-Tag Rugby 5G</p>	<p>Dance 5G</p> <p>Gymnastics 5R</p> <p>Invasion Games-Tag Rugby 5Y</p>
Music	Welsh Royal Opera project- composing music for a cartoon animation	<p>Gustav Holst – The Planets</p> <p>Music festival – music inspired by The Planets.</p>

		Composition and performance.
MFL	My Birthday	The Planets - Les planètes
French	Quel-est la date de ton anniversaire?	
Educational visits / visitors	Blists Hill – Ironbridge.	Planetarium
Parental workshops		Reading - Inspire workshop