

Year 5	Spring 1	Spring 2
Theme	Keeping Fit and Healthy Peace	The History of Jewellery Making in Birmingham
Reading Author of the term	Beverley Naidoo	Anthony Horowitz
Poet for the half term	Chick Pea Pie - Adisa	The Magic Box - Kit Wright
English Key genres for writing	Instructions for a fruit or vegetable smoothie Persuasive Letters based on Journey to Jo'Burg by Beverley Naidoo Non-Chronological report about a healthy lifestyle Informal letters based on Aisla's dilemma from Just Three Clicks sessions Explanation test about the circulatory system	Adventure stories based on Stormbreaker by Anthony Horowitz Diary entry based on Stormbreaker by Anthony Horowitz Balanced report- Is technology good? Diary entry based on a day in the life of a jeweller
Maths linked to topic	Measures weight (g, kg) Capacity (ml, cl, l)	3D shape Mass/weight - cost
Maths	Fractions, decimals, percentages, algebra, time, measures: area, perimeter and volume	
Humanities		The history and geography of the Jewellery Quarter Locate the Jewellery Quarter in relation to Grove school, Soho House and Soho Road on an A-Z map and an ariel photographs (google earth).

		<p>Locate key features in the area (church, canals, shops, factories) on a map of today and one from 1890</p> <p>Why did the Jewellery Quarter develop in Birmingham?</p> <p>How has the production in the Jewellery Quarter changed over time to reflect changes in history to the present day?</p> <p>Where do the materials come from?</p> <p>Import and export - concepts</p>
Art and design	<p>Still life linked to food.</p> <p>A study of Cezanne's still life food paintings.</p>	
Science	<p>Animals, including Humans</p> <p>Identify and name the main parts of the human circulatory system</p> <p>Describe the functions of the heart, blood vessels and blood</p> <p>Recognise the impact of diet, exercise and lifestyle on the way their bodies function</p> <p>Describe the ways in which nutrients and water are transported within animals, including humans.</p>	<p>Properties and changes of materials</p> <p>Compare and group together everyday materials based on evidence from comparative and fair tests, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets</p> <p>Understand that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution</p>

		<p>Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating</p> <p>Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic</p> <p>Demonstrate that dissolving, mixing and changes of state are reversible changes</p> <p>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.</p>
Design and technology	Design and make a healthy meal	<p>3D Jewellery design</p> <p>Design and make a piece of jewellery</p>
Computing	<p>Algorithms Sorting algorithms (sorting data using sorting algorithms, practically and using j2data)</p> <p>Internet safety week</p>	<p>IWeb</p> <p>Understand how the internet is used to collaborate online.</p> <p>Know that the internet is made using HTML.</p> <p>Be able to edit a prebuilt website.</p>
RE	<p>How different religions advocate peace</p> <p>Creating Unity and Harmony Living by Rules Caring for Others, Animals and the Environment Being Regardful of Suffering Being Courageous and Confident</p>	<p>Buddhism</p> <p>Being Reflective and Self-Critical Being Silent and Attentive to, and Cultivating a Sense for, the Sacred and Transcendence Being Temperate, Exercising Self-Discipline and Cultivating Serene Contentment Living by Rules Being Hopeful and Visionary</p>

		Expressing Joy Being Regardful of Suffering
PHSE	Drama in Education Prevent topic (Recre8) Internet safety week	
PE	Dance 5Y and 5B Gymnastics 5G Invasion Games-Tag Rugby 5R	Tennis 5R Athletics 5Y Rounders 5G and 5B
Music		Rhythm and pattern – a composition and performance piece based on the jewellery industry/factories
MFL	The animals	The animals
French	Les animaux	Les animaux
Educational visits / visitors	Just Three Clicks drama workshops	Museum of the Jewellery Quarter Whitemoor lakes Residential Visit Visit to Handsworth Grammar Science Department
Parental workshops	Maths inspire workshop	