

## Year 8 – What will my child learn this half term?



Subject	Content
Art	<p><b>Fragments:</b> Investigate and discuss Cubism and its visual style. Explore how compositions work and how different artists have employed different compositional techniques. Students will incorporate their own ideas and creative choices into the composition of their Abstract piece</p>
Computing	<p><b>Information Technology</b> - Moral, Legal &amp; Environmental   Networks IoT</p>
DT Product Design	<p><b>Product-</b> Be Seen Project and Headphone holder driving test  <b>Knowledge of materials and manufacturing:</b>Using risk assessment tables            Advanced Hegner saw and sander skills developed while mould making            Introduction to electronics, learning soldering            Sublimating and forming thermoplastics            Simple electronic components and their functions            How the circuit is powered and controlled.</p>
DT Food	<p><b>Food-</b> Nutrition for Life  <b>Knowledge of materials and manufacturing:</b>Develop a greater knowledge of a wider range of specific nutrients and where they can be found in food.            Gelatinisation            Increase knowledge of cooking methods – rubbing in            Make an increasing complex range of dishes            Investigate the role of different sugars in the sensory analysis of a simple cake recipe            What is a staple foods.            Safe storage of food  <b>Knowledge of design:</b>Draw and label ideas for products            Evaluate using star profiles and a greater range of sensory descriptors</p>
DT Textiles	<p><b>Textiles-</b>            Knowledge of materials and manufacturing:            More complex construction techniques            Applying elastic Precision construction and decorative techniques            More advance decorative techniques  <b>Knowledge of design:</b>Using a theme to inspire designs</p>

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English	<p><b>The Romantic Imagination</b>          Who are the 'Big Six' of English Romanticism?          Study of Byron, Shelley and Keats. The enduring influence of the Romantics. Exploring key poems, poetic forms and metre, Romantic concerns and sensibilities. Memorise a Romantic poem.</p>
French	Module 5: Le sport en direct <b>Sports</b>
German	Unit 5: Wir gehen aus Discussing dates and outings Grammar Focus
Geography	<p><b>How do we measure the weather?</b>          Builds practical understanding of the atmosphere and weather systems. Like Unit 1, this provides hands-on enquiry, reinforcing data collection and interpretation skills. The microclimate focus links physical processes with human modification of environments, promoting application of geographical practice and systems thinking.</p>
History	<p><b>ideas, political power, industry and empire: Britain, 1745-1901</b> - Political and Social Reforms          - How did Britain's democracy develop?          BV = Democracy</p>
Maths	<p><b>Reasoning with Data:</b> The Handling Data Cycle, Measure of Location Finance Project: Careers, salary - gross and net, needs vs wants, car finance and running costs, housing costs incl mortgage vs renting, insurance, budgeting</p>
Music	<p><b>Guitar</b> - Riffs Chords Chord progressions Performance</p>
PE	<p><b>Acquiring knowledge, Skill development.</b> - Athletics, Rounders, Cricket.</p>
RE	<p><b>Religion in Britain:</b>          what does it mean to be religious in the UK?          Census data, denominational differences, humanism, contributions to society, local faith groups</p>
Science	<p><b>Variation:</b> Adapting to change, Natural selection, Natural selection investigation, Selective breeding, Asexual reproduction, Planning and analysing investigations</p>

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	<p><b>Organic Resources:</b> Fire safety and incomplete combustion, Alternative fuels and pollution, Carbon Emissions, Planning and Analysing Investigations</p> <p><b>Light:</b> Total Internal Reflection, Dispersion, Seeing Colour, The Eye, Planning and Analysing Investigations</p>
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