

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



Subject	Content
Art	<p>Fragments: Investigate and discuss Abstract Art by discussing various works of Art. Look at the work of Kandinsky and create work in response to music. Create a series of drawings of complex shapes using just line. Students build upon their experiences from drawing tasks in Year 7</p>
Computing	<p>Algorithms - Algorithms; Programming and Development - Scratch - Guess My Number Game Python - Dice Game</p>
DT Product Design	<p>Product- Be Seen Project and Headphone holder driving test Knowledge of materials and manufacturing: 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>Food- Nutrition for Life Knowledge of materials and manufacturing: 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 food. Safe storage of food Knowledge of design: Draw and label ideas for products Evaluate using star profiles and a greater range of sensory descriptors</p>
DT Textiles	<p>Textiles- Knowledge of materials and manufacturing: More complex construction techniques Applying elastic Precision construction and decorative techniques More advance decorative techniques Knowledge of design: Using a theme to inspire designs</p>

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English	<p>The Romantic Imagination What is Romanticism? Comparison with neoclassicism. Who are the 'Big Six' of English Romanticism? Study of Wordsworth, Coleridge, Blake... Exploring key poems, poetic forms and metre, Romantic concerns and sensibilities.</p>
French	Module 5: Le sport en direct Sports
German	Unit 5: Wir gehen aus Discussing dates and outings
Geography	<p>What are the opportunities and challenges in Africa? A continent wide perspective that helps address stereotypes and promotes decolonising geography. This unit allows exploration of natural resources, urbanisation, development, and conflict in diverse contexts. Encourages students to think critically about representation, development narratives, and the importance of multiple voices.</p>
History	<p>ideas, political power, industry and empire: Britain, 1745-1901 - What was the shared experience of the Atlantic Slave Trade? BV = Democracy</p>
Maths	Developing Geometry: Angles in Parallel Lines and Polygons, Area of trapezia and Circles, Line Symmetry and Reflection
Music	<p>Guitar - Riffs Chords Chord progressions Performance</p>
PE	Acquiring knowledge, Skill development. - Athletics, Rounders
RE	<p>People of Faith: Judaism: Food laws, Jewish festivals, rites of passage</p>
Science	<p>Variation: Variation, Continuous and discontinuous variation, Inheritance, Chromosomes, genes and DNA, DNA model, Mitosis & Meiosis</p>

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	<p>Organic Resources: Crude Oil, Fractional Distillation, Name alkanes, Combustion, Combustion Investigation</p> <p>Light: Seeing Things Light Waves, Reflection, Mirrors and Ray Diagrams, Refraction, Lenses</p>
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