

Year 9 – What will my child learn this half term?



Subject	Content
Art	<p>Natural Forms: Mixed media drawings of natural forms. A series of quick studies to experiment with combinations of media and some more prolonged to allow for refinement of technique. Investigate how have artists responded to the theme of natural forms</p>
Computing	<p>Programming & Development - Sequence, Selection and Iteration tasks. Debugging exercises.</p>
DT Product Design	<p>Product -Jewellery Project and Trinket Box driving test</p> <p>Knowledge of materials and manufacturing: Considering other users of the D&T workshops and carrying out a safety survey Introduction to different materials and techniques – cutting and shaping copper, enamelling, glass fusing, using standard components (findings) to complete the products</p> <p>Knowledge of design: Design skills – Looking at trends, Using the work of other designers Tatty Devine, using focus groups for evaluation Corporate identity and packaging of products</p>
DT Food	<p>Food – Around the World</p> <p>Knowledge of materials and manufacturing: Science of food – gluten and yeast experiments Coagulation Learning about dishes and where they come from in the world Make an increasing complex range of dishes from chilli con carne to swiss roll</p> <p>Knowledge of design: Analysis of scientific findings to develop better products. Development of dishes Evaluate using a mixture of sensory analysis and</p>

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	scientific knowledge to create a commentary on a dishes' performance
DT Textiles	<p>Textiles -Tote Bag</p> <p>Knowledge of materials and manufacturing: Bagging out/ turning handles French seams Screen printing Reinforcing seams</p> <p>Knowledge of design: Using the work of other artist/designers to inspire their work Reusing bags therefore reducing plastic waste</p>
English	<p>The Gothic Text: Frankenstein – Mary Shelley Recap: Romanticism, conventions of the novel. Context: the Enlightenment, conventions of the Gothic, epistolary novels. Gothic terms and concepts. Text study: Frankenstein</p>
French	<p>Healthy lifestyle Dynamo 3 rouge, Module 1: Mon monde à moi All about myself</p>
German	<p>Role Models Stimmt 3 - Unit 1 Vorbilder</p>
Geography	<p>How important in Antarctica? Antarctica is a distinct and extreme environment, ideal for exploring Earth systems, climate patterns, and human-environment interaction. It provokes ethical and geopolitical questions: Who owns Antarctica? Should it be protected?</p>
History	<p>Challenges for Britain, Europe and the wider world 1901 to the present day - Titanic – How and Why did it happen? How does it epitomise society in the 1900s?</p>
Maths	<p>Reasoning with Algebra: Straight Line Graphs, Algebraic Equations and Inequalities</p>

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	Reasoning with 3D Geometry: Properties of 3D shapes, areas and volumes, plans and elevations, nets
Music	Blues – 12 Bar Blues, Origins of Blues, Scales, Improvising with Blues Scale, Composition of Blues
PE	Acquiring knowledge, Decisions, Coaching (analysing & evaluating) - Netball, Hockey & Cross Country.
RE	Human Rights - Social justice, censorship, religious freedom, role of women in religion
Science	<p>Health Issues: Introduction to Health & Disease, Cardiovascular Disease, Risk Factors for Health & Disease, Cancer,</p> <p>Reactivity of Metals: Properties of metals Metals in oxygen, Metals in water, Metals in acid , Displacement reactions,</p> <p>Electricity: Drawing circuits, Electrical current, Voltage, Resistance, Resistance of a wire investigation, Series circuits, Parallel circuits</p>