

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



Subject	Content
Art	<p>Art & Food: GCSE style project that allows students to develop a final piece that builds upon the skills, knowledge and understanding developed during the previous acrylic painting tasks. Photography is used to create reference images to help aid option choices.</p>
Computing	<p>Data & Data Representation - Analogue to digital conversion with images and sound.</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 surveyIntroduction 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 evaluationCorporate 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 experimentsCoagulationLearning about dishes and where they come from in the worldMake 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 dishesEvaluate using a mixture of sensory analysis and scientific knowledge to create a commentary on a dishes' performance</p>
DT Textiles	<p>Textiles -Tote Bag</p> <p>Knowledge of materials and manufacturing:Bagging out/ turning handlesFrench seamsScreen printingReinforcing seams</p>

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	Knowledge of design: Using the work of other artist/designers to inspire their work. Reusing bags therefore reducing plastic waste
English	Henry V and War Poetry Characterisation, futility of war vs patriotic appreciation. Oracy opportunity to discuss media presentation of war and journalistic bias. Exploring key poems, poetic form and metre, Shakespearean form and metre, propaganda, patriotism and attitudes towards war.
French	Module 4: Le meilleur des mondes Environment
German	Stimmt 3 -Unit 4 Die Kindheit Childhood
Geography	Why is disease a geographical issue? Builds on themes of development and climate change and examines the geography of health, how environmental and socio-economic conditions shape disease risk, global interconnection in the spread and response to disease. This unit encourages students to ask how geography helps us understand vulnerability and resilience and how should we respond ethically and practically to global health challenges
History	Challenges for Britain, Europe and the wider world 1901 to the present day – WW2 – Causes and Main events and The Holocaust
Maths	Reasoning with Geometry: angle problems and conjectures, symmetry, transformations of shapes
Music	Ragtime and Jazz - Dixieland Jazz, Swing Era Big Band /Swing
PE	Healthy, active, lifestyle, Skill development, Decisions - Netball, Fitness & Basketball.
RE	Crime and Punishment - Causes of crime, religious attitudes to crime
Science	The nervous system & homeostasis: Blood glucose regulation, Diabetes, Menstrual cycle, 1. Evidence 2. Errors

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	<p>Environmental Chemistry: Combustion, Alternative Fuels, Ethanol, Air, Hypothesise & Anomalies</p> <p>Forces, motion, pressure and moments: Pressure in solids, Hydraulics (Pressure in liquids), Levers and moments, The principle of moments, Hypothesise and anomalies</p>
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