

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



Subject	Content
Art	<p>Natural form project: To work on a sustained project using a large variety of techniques. Freedom of choice. All materials are chosen to deepen knowledge of tone, texture and mark making. Materials that will be used in GCSE (acrylics) are used for the first time. Annotations are worked upon using subject specific vocab. Compositional design is experimental and more expressive. Photography is used to help aid option choices.</p>
Computing	<p>Data & Data Representation - Boolean Logic Logic Gates; Data & Data Representation - Machine Learning AI;</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>

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



	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>War: What is it good for? Texts: Tennyson/Hardy/Owen/Sassoon/Brooke etc. Extracts from war novels 2: Using evidence 3: Analysis 4: Structure & coherence 6: SPaG</p>
French	<p>Module 3: Ma vie en musique Music/Past tenses</p>
German	<p>Stimmt 3 - Unit 3 Meine Ambitionen Jobs and future plans</p>
Geography	<p>What impact do powerful countries / regions have on the world? What is life like there? Urbanisation</p>
History	<p>Challenges for Britain, Europe and the wider world 1901 to the present day - What caused WW2 and what were the major events?</p>
Maths	<p>Reasoning with Algebra: Algebraic Equations</p>
Music	<p>Ragtime and Jazz - The entertainer melody, Feel Pulse, Accompaniment styles</p>
PE	<p>Healthy, active, lifestyle, Skill development, Decisions - Basketball, Dance, Netball, Fitness, Badminton & Hockey.</p>
RE	<p>Human Rights - Social Justice, Rights and Repsonsibilities, Religion and Human Rights, Good Samaritan, Racism</p>

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



Science	<p>The nervous system & homeostasis: The nervous system & homeostasis, Reflex arc, Synapses, Thermoregulation experiment, Thermoregulation</p> <p>Environmental Chemistry: The Structure of the Earth Tectonic Plates, Changes to the Earth's atmosphere, Global Warming, Working Scientifically Global warming, The Carbon Cycle</p> <p>Forces, motion, pressure and moments: Resultant forces, Falling objects, Resultant force and acceleration, Velocity –time graphs, Relative motion, Hooke's law</p>
---------	--