

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



Subject	Content
Art	<p>Clay pots: To introduce a new medium of clay (3D). To deepen knowledge of mark making, shape and texture in the use of clay. Enhancing knowledge of cultures and beliefs (Mexico).</p>
Computing	<p>Hardware & Processing - OS, Utilities & Software How can we optimise the performance of a computer?; Communication & Networks - Networks Sharing is caring!; Data & Data Representation - Data Compression, Encoding & Encryption;</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	Textiles -Tote Bag Knowledge of materials and manufacturing: Bagging out/ turning handles French seams Screen printing Reinforcing seams Knowledge of design: Using the work of other artist/designers to inspire their work Reusing bags therefore reducing plastic waste
English	The Gothic Text: Frankenstein – Mary Shelley 1: Understanding Context 5: Crafting language 6: SPaG
French	Healthy lifestyle Dynamo 3 rouge, Module 1: Mon monde à moi All about myself
German	Role Models Stimmt 3 - Unit 1 Vorbilder
Geography	What unique features does the sea create? What threats does it present? What is our coastline like? Coasts
History	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?
Maths	Reasoning with Proportion: Proportion and Graphs, Algebraic Expressions
Music	Blues – 12 Bar Blues, Origins of Blues, Scales, Improvising with Blues Scale, Composition of Blues

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



PE	Acquiring knowledge, Decisions, Coaching (analysing & evaluating) - Netball, Volleyball, Badminton, Hockey, Fitness, Dance and Basketball.
RE	Holocaust and Human Rights - Jewish Life, Anti Semitism, Ghettoes
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>