

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



Subject	Content
Art	<p>Art & Food: Explore Acrylic Painting Techniques and use colour theory to create a harmonious colour palette. Focus on mixing complementary pairs, using a monochromatic palette and dry brush for layering colours.</p>
Computing	<p>Programming & Development - Create a mobile phone app.</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 scientific knowledge to create a commentary on a dishes' performance</p>

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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>Henry V and War Poetry Texts: Shakespeare's Henry V (extracts, speeches and the Chorus), Sassoon, Owen, Pope, Heaney etc. Recapping rhetoric writing methods from Y7. Exploring key poems, poetic form and metre, Shakespearean form and metre, propaganda, patriotism and attitudes towards war.</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>Is our world equal? This unit explores how and why places develop differently, offering an excellent opportunity to challenge assumptions and promote critical thinking. Through comparison of case studies, students encounter spatial diversity, social justice issues, and geographies of hope and constraint.</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 Numbers: calculating with fractions, decimals and percentages, rational and irrational numbers, standard form, simple and compound interest, VAT, exchange rates, wages and taxes including calculating take home pay</p>

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Music	Ragtime and Jazz - The entertainer melody, Feel Pulse, Accompaniment styles
PE	Healthy, active, lifestyle, Skill development, Decisions - Basketball, Fitness, Badminton, Volleyball & Football/Rugby
RE	People of Faith: Christianity: the nature of God, trinity, creation stories, the problem of evil
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>