

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



Subject	Content
Art	<p><b>Icons:</b> Broadening knowledge of acrylic painting. Using grades for accurate transcriptions. Further in-depth critical studies into artists and genres</p>
Computing	<p><b>Information Technology</b> - Moral, Legal &amp; Environmental</p>
DT Product Design	<p>Product -Jewellery Project and Trinket Box driving test</p> <p><b>Knowledge of materials and manufacturing:</b>Considering other users of the D&amp;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><b>Knowledge of design:</b>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><b>Knowledge of materials and manufacturing:</b>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><b>Knowledge of design:</b>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>
DT Textiles	<p>Textiles -Tote Bag</p> <p><b>Knowledge of materials and manufacturing:</b>Bagging out/ turning handlesFrench seamsScreen printingReinforcing seams</p> <p><b>Knowledge of design:</b>Using the work of other artist/designers to inspire their work. Reusing bags therefore reducing plastic waste</p>
English	<p><b>Dystopia and Freedom</b> Texts: 1984, Brave New World, Fahrenheit 451, dystopian short stories</p> <p>All Key Concepts assessed</p>

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



French	Module 5 : Le monde francophone French speaking world
German	Stimmt 3 – Unit 5 Rechte und Pflichten Rights and responsibilities
Geography	<b>Why does most of the world's population live in cities? How have they grown? What challenges and opportunities face our cities?</b>
History	<b>study of a significant society or issue in world history and its interconnections with other world developments</b> - USA in the 20th Century – Social and Political history
Maths	<b>Statistics and Graphs</b>
Music	
PE	<b>Acquiring knowledge, Coaching (analysing &amp; evaluating)</b> - Rounders, Athletics, Cricket, softball.
RE	<b>Crime and Punishment</b> - Buddhism and Crime, Christianity and Crime, Prison and Community Service, Capital and Corporal Punishment
Science	<p><b>Photosynthesis and nutrient cycles:</b> Carbon cycle, Nitrogen cycle, Role of mineral nutrients in plant growth, Transpiration web-quest, Transpiration review/revision, Hypothesising &amp; Concluding</p> <p><b>Chemical calculations:</b> Standard form, Conservation of mass, The chemical mole, Concentration 2, Chemical calculations, Hypothesising &amp; Concluding</p> <p><b>Magnets and electromagnets:</b> The uses of electromagnets, The motor effect, Fleming's Left Hand Rule, Electric motors, Making an electric motor -Practical, Hypothesising and concluding</p>