

## Year 8 – What will my child learn this half term?



Subject	Content
Art	<p><b>Abstract:</b>  Examining artists work in more depth to produce artists inspired work.  Developing skills with pencil/watercolour pencils and paint, adding depth and tone.  Learning to create successful balanced compositions using weaving technique and press printing (1st attempt at these skills)  Looking at multiple viewpoint drawing (helps develop a sense of 3D)  Expanding knowledge of art genres and artists techniques</p>
Computing	<p><b>Hardware and Processing</b> - Memory &amp; Storage   How can we build the fastest computer in the world?; <b>Data and Data Representation</b> - SQL   How can we keep our digital lives organised?  <b>Communication and Networks</b> - Search Engines and Filtering the Web</p>
DT Product Design	<p>Product- Be Seen Project and Headphone holder driving test  Knowledge of materials and manufacturing: Using risk assessment tables  Advanced Hegner saw and sander skills developed while mould making  Introduction to electronics, learning soldering  Sublimating and forming thermoplastics  Simple electronic components and their functions  How the circuit is powered and controlled.</p>
DT Food	<p>Food- Nutrition for Life  Knowledge of materials and manufacturing: Develop a greater knowledge of a wider range of specific nutrients and where they can be found in food. Gelatinisation  Increase knowledge of cooking methods – rubbing in  Make an increasing complex range of dishes  Investigate the role of different sugars in the sensory analysis of a simple cake recipe  What is a staple foods.  Safe storage of food  Knowledge of design: Draw and label ideas for products  Evaluate using star profiles and a greater range of sensory descriptors</p>
DT Textiles	<p>Textiles-  Knowledge of materials and manufacturing: More complex construction techniques  Applying elastic Precision construction and decorative techniques  More advance decorative techniques  Knowledge of design: Using a theme to inspire designs</p>

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English	<b>Shakespeare – Much Ado About Nothing</b> 1: Understanding Context 5: Crafting language 6: SPaG
French	Module 2: J'adore les fêtes <b>Celebrations</b>
German	Stimmet , Unit 2, Bist du ein Medienfan? - <b>Media</b>
Geography	<b>How are humans affecting the earth and each other? What can we do about it?</b> Hazardous Humans
History	<b>the development of Church, state and society in Britain 1509-1745</b> - How did society and state change and develop under the Tudors? 1485-1603 BV = Democracy
Maths	<b>Representations:</b> Working in the Cartesian Plane, Working in the Cartesian Plane, Tables and Probability, Representing Data (bivariate)
Music	<b>World Music</b> - Pentatonic scale Traditional Chinese instruments Textures & Structures Composition in Ternary or Rondo form Appraisal (listening with understanding) Music from India & West Africa
PE	<b>Acquiring knowledge, Skill development, Decisions.</b> - Hockey, Fitness, Football, Badminton, Netball & Dance.
RE	<b>Visions, Values and Purpose</b> - MLK vision, MLK Civil Rights, Tutu 1, Tutu 2, Yusuf Islam
Science	<b>Digestion and Absorption:</b> Organs of the digestive system, Absorption, 1. Planning investigations 2. Analysing investigations  <b>Atoms, Elements and Compounds:</b> Relative Formula Mass, Percentage by Mass, Scientific Investigation (density), Halogens / alkali metals  <b>Sound:</b> Different mediums The speed of sound - Practical, Reducing noise, Ultrasound

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	The uses of ultrasound, Planning and analysing observations
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