

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



Subject	Content
Art	<p>Animals in Art: Investigate how animals have been represented in art across different cultures and historical periods. Explore the symbolic and cultural meanings behind animal depictions in various artworks. Create a final piece that incorporates a minimum of 3 animals with clear opportunities for students to differentiate and explore their own creative intentions.</p>
Computing	<p>Hardware and Processing - Memory & Storage How can we build the fastest computer in the world?; Data and Data Representation - SQL How can we keep our digital lives organised? Communication and Networks - 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</p>

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	advance decorative techniques Knowledge of design: Using a theme to inspire designs
English	Shakespeare – Much Ado About Nothing Continuation of Much Ado About Nothing . Opportunities fro drama and working with scripts. Character studies: Benedick, Beatrice. Scene staging and direction for comedic effect. Discussion/debate: do we forgive Claudio. Key theme: patriarchal attitudes and the presentation of women
French	Module 2: J’adore les fêtes Celebrations
German	Stimmet , Unit 2, Bist du ein Medienfan? - Media
Geography	Why does the largest country not have the largest population? Focus on Russia - It develops spatial thinking and builds on population geography from Year 7 by adding nuance around physical geography constraints, development, and human systems. Encourages students to think critically about assumptions, fostering interpretation and place complexity
History	the development of Church, state and society in Britain 1509-1745 - How did society and state change and develop under the Tudors? 1485-1603 BV = Democracy
Maths	Representations: Working in the Cartesian Plane, Working in the Cartesian Plane, Tables and Probability, Representing Data (bivariate)
Music	World Music - Pentatonic scale Traditional Chinese instruments Textures & Structures Composition in Ternary or Rondo form Appraisal (listening with understanding) Music from India & West Africa
PE	Acquiring knowledge, Skill development, Decisions. Fitness and Netball
RE	People of Faith: Islam: Nature of God, Life of the Prophets, Mosque, Sources of Authority

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Science	<p>Digestion and Absorption: Organs of the digestive system, Absorption, 1. Planning investigations 2. Analysing investigations</p> <p>Atoms, Elements and Compounds: Relative Formula Mass, Percentage by Mass, Scientific Investigation (density), Halogens / alkali metals</p> <p>Sound: Different mediums The speed of sound - Practical, Reducing noise, Ultrasound The uses of ultrasound, Planning and analysing observations</p>
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