

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



Subject	Content
Art	<p>Totem poles: To learn new techniques in oil pastel, adding tone and texture. Appreciating other cultures and beliefs while studying non-UK based artists. Experimenting with pattern work to enhance shape and composition using a large range of materials.</p>
Computing	<p>Data and Data Representation - Data Representation Text, Images & Sounds</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>
English	<p>Introduction to the Novel Introduction to the novel. Extracts from early novels. Of Mice and Men – John Steinbeck 3: Analysis</p>

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	<p>4: Structure & coherence 6: SPaG BV = Democracy</p> <p style="text-align: right;">7: Spelling</p>
French	<p>Module 3: A loisir Hobbies/free time</p>
German	<p>Unit 3 Bleib gesund! - Healthy living</p>
Geography	<p>What is Africa like? How big is it? How diverse are its people and landscapes? What challenges does the continent face and why? Into Africa</p>
History	<p>the development of Church, state and society in Britain 1509-1745 - Why did Civil War happen? BV = Democracy</p>
Maths	<p>Algebraic Techniques: Brackets, Equations and Inequalities, Sequences, Indices</p>
Music	<p>Classical Music - Mozart, Haydn & Beethoven Fur Elise performance Classical Genres inc string quartet, concerto, symphony Theme & variations composition</p>
PE	<p>Healthy, active, lifestyle, Decisions, Coaching (analysing & evaluating) - Netball, Badminton, Gym, Fitness & Dance.</p>
RE	<p>Sacred Earth - Sacred Earth, Pachamama, Creation Stories</p>
Science	<p>Respiration: Aerobic Respiration, Anaerobic Respiration & Fermentation, Effects of Exercise, Heart Structure Blood vessels,</p> <p>Composite Materials: Limestone , Thermal decomposition of calcium carbonate, The limestone cycle, Mortar and Concrete,</p> <p>Heating and Cooling: Heat energy and temperature, Radiation, The penguin experiment, Conduction, Convection, The Thermos flask</p>

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