

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



Subject	Content
Art	Animals in Art: learn how to use a grid system to accurately draw the basic shapes of animals, helping them break down complex forms into manageable sections. Experiment with oil pastel to create a range of marks and surface textures
Computing	Communication and Networks - HTML Will the internet slow down as it grows bigger and gets older?
DT Product Design	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.
DT Food	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
DT Textiles	Textiles Knowledge of materials and manufacturing: More complex construction techniques Applying elastic Precision construction and decorative techniques More advance decorative techniques

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	<p>Chemical digestion and industrial processes, Enzyme action</p> <p>Atoms, Elements and Compounds: Elements and Compounds, Naming Compounds, The Atom, Electronic Configuration</p> <p>Sound: Waves, What makes a sound?, Pitch and volume, The wave equation, Structure of the ear</p>
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