

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>Communication & Networks - Web Design CSS How can we control the style of an entire website in one click?</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 4: Structure & coherence 6: SPaG 7: Spelling</p>

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	BV = Democracy
French	Module 4: Le monde est petit Where you live
German	Unit 4: Klassenreisen machen Spaß! Going on a school trip
Geography	What is Africa like? How big is it? How diverse are its people and landscapes? What challenges does the continent face and why?
History	the development of Church, state and society in Britain 1509-1745 - The Effects of Civil War and the Unification of the Kingdom 1650-1745 BV = Democracy
Maths	Developing number: Fraction and Percentages, Standard Index Form, Number Sense
Music	Classical Music - Mozart, Haydn & Beethoven Für Elise performance Classical Genres inc string quartet, concerto, symphony Theme & variations composition
PE	Healthy, active, lifestyle, Decisions, Coaching (analysing & evaluating) - Netball, Badminton, Gym, Fitness & Dance.
RE	Sacred Earth - Reverse creation, OfGod, Stewardship, Endangered Species
Science	Respiration: Structure of the Human Gas Exchange System, Ventilation, Alveoli & Gas Exchange, Effects of Smoking, Lung Disease (Data Analysis), Graphs & Anomalies Composite Materials: Rocks and metal Extraction of metals, Corrosion, Metals and their uses Extracting metals, Recycling Metals, Transitions metals, Graphs and anomalies Heating and Cooling: Internal energy Specific Heat Capacity, Changing state, Evaporation, Graphs and anomalies

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