

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



Subject	Content
Art	Abstract: 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
Computing	Information Technology - Moral, Legal & Environmental Networks IoT
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 Knowledge of design: Draw and label ideas for products Evaluate using star profiles and a greater range of sensory descriptors
DT Textiles	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
English	The Romantic Imagination Texts: The Rime of the Ancient Mariner; selection of Romantic Poetry

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	All Key Concepts (except spelling) assessed
French	Module 5: Le sport en direct Sports
German	Grammar Focus
Geography	How do rivers shape the landscape? Why are they important? What impacts does flooding have and what can we do about it? Rivers & Flooding
History	ideas, political power, industry and empire: Britain, 1745-1901 - Political and Social Reforms - How did Britain's democracy develop? BV = Democracy
Maths	Reasoning with Data: The Handling Data Cycle, Measure of Location, Finance Project
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. - Athletics, Rounders, Cricket.
RE	Islam and Judaism - Hajj, Ramadan, Judaism Intro, Jewish beliefs, Synagogue, Masada
Science	Variation: Adapting to change, Natural selection, Natural selection investigation, Selective breeding, Asexual reproduction, Planning and analysing investigations Organic Resources: Fire safety and incomplete combustion, Alternative fuels and pollution, Carbon Emissions, Planning and Analysing Investigations Light: Total Internal Reflection, Dispersion, Seeing Colour, The Eye, Planning and Analysing Investigations