Autumn Term - Curriculum Overview

Year 8

CORE	**English**	**War Heroes** Students will explore traditional presentations of conflict through exploring a range of texts written during and about World War One. They will begin to explore a writer's intentions, considering how literature is used to critique society. They will use these texts as inspiration for their own pieces of persuasive writing, focusing on crafting effective extended metaphor in their own work.
	Mathematics	Ratio and Scale Multiplicative change Multiplying and dividing fractions Working in the Cartesian plane Representing data, tables and probability Brackets, equations and inequalities
	Science Biology Chemistry Physics	During Year 8 pupils will cover the following topics in Science. Bioenergetics; The Body Separating Mixtures; The Periodic Table; Electricity; Engineering;
	PSHE	**Health & Wellbeing** Stay Healthy Healthy Eating Caffeine & Energy Drinks Smoking and Vaping Alcohol Climate change and wellbeing HPV Vaccine **Personal safety and managing risk** Firework Safety Staying Safe - Road and Train Staying Safe - Water Basic Life Support Drugs The dangers of illegal drugs
	History	Britain Thematic Study, 1066 – Early C20th: Theme = War and Conflict 'How were wars fought between 1066 and the early C20th?' The Battle of Stamford Bridge (1066 - 1500) / Background to the Battle of Hastings (1066 - 1500) / The Battle of Hastings (1066 - 1500) The Spanish Armada (1500 – 1750) / The English Civil War (1642 - 1649) Causes of WWI / WWI Recruitment / Trench Warfare / Weapons of WWI / End of WWI (1901 - 1918)
	Geography	Unit 1 - Rocks, Weathering and Soils - The 3 rock groups, the rock cycle. Types of weathering, weathering processes. Continental drift, rocks and fossils. Soils. Unit 2 - Many People, One Planet - Population distribution, Birth rates & Death rates, The Demographic Transition Model, Population Pyramids, China's One Child Policy, Our Ecological Footprint. Megacities.
	Spanish	House and Home Locations, place types, adjectives to describe where you live, Rooms in a house, furniture, ideal house, chores.
	French	Where I live: Locations, countries, nationalities, house types, rooms in a house, key activities in a house, inviting someone out, cafe dialogues, drinks and snacks, future plans.
	Religious Studies	Prejudice and Discrimination • Racism / Remember the Titans • Extremism / What is Terrorism? • Jihad Christianity (Ethics)
TECHNICAL	**Design Technology**	Metal : Pewter Cast Keyring. Metals and Alloys, Design Movements, Inspired Design Ideas, SCAMPER Development, CAD Designs, Pewter Casting, Health and Safety, Sawing and Filing, Surface Finising. Paper & Board : Packaging. Papers and Boards, Context and Specifications, Research Exisiting Products, Design Ideas, NETS, CAD CAM, Packaging Assembly.
	Computer Science	Spreadsheets Computing systems and operating systems Introduction to Python
	Food Technology	Nutrition: Water in the diet; Energy Balance; Proteins including structure, types, sources, functions and related food science; Micronutrients vitamins and minerals, sources and functions. Factors Affecting Food Choice: Individual energy / nutrient needs; Diet and health: Religion and culture: Cost of food: Food availability; Time of day and occasion; Food preferences; Social considerations; Environmental considerations; Advertising and other point of sale information. Recipes: Coleslaw; Quesadillas; Bolognese Sauce; Chow Mein; Scones.
PERFORMANCE	**Art**	Within Year 8 we start on our first major extended project: Skateboards. Within this project students develop work based on the work of Andreas Preis, they develop further their skills using tone texture and pattern as part of study design processes and the study of other animal based artists. Appreciation of the historical and cultural development of their art forms.
	Physical Education	In PE, students develop their Head, Hands and Heart through a wide range of physical activities. They build knowledge and understanding (Head), develop practical skills and physical competence (Hands), and strengthen personal qualities such as resilience, teamwork and respect (Heart). Throughout their PE journey, students participate in a variety of activities including football, rugby, netball, handball, hockey, basketball, badminton, gymnastics, dance and fitness. Through these experiences, we aim to inspire a lifelong enjoyment of physical activity while developing confident, capable and well-rounded young people.
	Music	The Blues: Performance and Composition of 12 bar Blues; Rock n Roll performance; Swing performance; Listening and Appraising music in these styles