

# Autumn Term - Curriculum Overview

## Year 8



	<b>English</b>	Social Class is a new scheme being taught across a whole term. This is teaching children the historical context of class and why it is an important part of analysing English and English Literature. The scheme teaches this substantive knowledge that is necessary for English Literature AO3. The range of texts include A Christmas Carol and Robin Hood.
<b>CORE</b>	<b>Mathematics</b>	Ratio and Scale Multiplicative Change Multiplying and dividing fractions Working in the Cartesian plane Representing data, Tables and Probability
	<b>Science</b> Biology Chemistry Physics	During Year 8 pupils will cover the following topics in Science. Bioenergetics; The Body Separating Mixtures; The Periodic Table; Electricity; Engineering;
	<b>History</b>	<b>Britain Thematic Study, 1066 – Early C20th:</b> Theme = <b>War and Conflict</b> <i>'How were wars fought between 1066 and the early C20th?'</i> 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)
<b>WORLD</b>	<b>Geography</b>	<b>Restless Earth</b> - The structure of the Earth. Types of plate boundaries. Convection currents, ridge push and slab pull. Evidence for continental drift. Latitude and longitude (distribution) of volcanoes and earthquakes. Composite/Strato Volcanoes. Mt St Helens eruption case study. Shield Volcanoes. Icelandic eruption case study. What causes earthquakes? What are tsunamis? The 2015 Nepal earthquake. The 2011 Japanese earthquake and tsunami.
	<b>Spanish</b>	House and Home Locations, place types, adjectives to describe where you live, Rooms in a house, furniture, ideal house, chores.
	<b>French</b>	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.
	<b>Religious Studies</b>	Prejudice and Discrimination • Racism / Remember the Titans • Extremism / What is Terrorism? • Jihad Christianity (Ethics)
	<b>Design Technology</b>	Chocolate Bar Packaging Stimulus 1 Theory: Sources and Origins of Papers and Boards / Electronics; Design ideas; Product evaluations. Making: Marking, Securing, Cutting, Removing Material, Surface Finishes.
<b>TECHNICAL</b>	<b>Computer Science</b>	Design Vector Graphics Computing systems Web Development Representations: from clay to silicon Mobile app development Intro to Python programming
	<b>Food Technology</b>	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; Curry
<b>PERFORMANCE</b>	<b>Art</b>	Within Year 8 we start on our first major 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 of great artists – and the historical and cultural development of their art forms
	<b>Physical Education</b>	Exploring personal development through a variety of physical activities including football, rugby, netball, dance, OAA, gymnastics, badminton & basketball.
	<b>Music</b>	The Blues: Performance and Composition of 12 bar Blues; Rock n Roll performance; Swing performance; Listening and Appraising music in these styles