

Saxon Mount School Termly Curriculum Overview - Year 8

Subject	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
English	Greek myths and legends.		Floella Benjamin "Coming to England". Autobiography	Poetry from Other Cultures	The Ruby in the Smoke by Phillip Pullman A Midsummer Night's Dream/ The Tempest by William Shakespeare	
Mathematics	Place value. Addition and subtraction. Money 2D and 3D shapes/line of symmetry Bar charts, pictograms	Place value. Multiplication and division. Fractions. Capacity/time	Place value. Addition and subtraction. Money. Angles/patterns and sequences/volume. Tally charts, pie charts, tables, bar charts.	Place value. Multiplication and division. Fractions. Mass/length. 2D shape/line symmetry and rotational symmetry	Place value. Addition and subtraction. Area and perimeter/time. 2D and 3D shapes. Angles. Venn and Carroll diagrams.	Place value. Multiplication and division. Fractions. Capacity. Identifying perpendicular, vertical, horizontal and parallel lines. Position/direction. Pictograms. Bar charts. Frequency tables.
Science	Forces Including air and water resistance and friction. Levers and pulleys	Classification - broad and sub groups Lifecycles and reproduction including evolution, offspring, adaptation Differences in lifecycles of a mammal, amphibian, insect and bird Can describe the life processes and reproduction in some plants and animals. Can describe the changes and humans develop into old age	Rock formation and fossils. Can compare and group different types of rocks Can describe how fossils are formed Know that soils and rocks are made from organic material	Plants and environments and environmental change Can describe the functions of plant parts and pollination, food chains/webs, understand how water is transported in plants Evaporation and condensation linked with the water cycle Understands that environments change and this poses dangers to living things	Diet and nutrition Why animals eat for nutrition, food types - how this can affect the body, include skeleton and muscles (link to required food types), the digestive system, teeth types and their functions	Sounds How sounds are made, pitch, volume, how volume reduces as the distance from the source increases. Electricity (simple circuits, switches and conductors, appliances that run on electricity) Types of circuits, effects and brightness of a different number of bulbs, electric symbols
Design and Technology	Health and safety in the workshop. Acrylic Jewellery - Design and make jewellery out of acrylic plastic. Designing for user and with account of available materials. Use of Coping saw, Files, China graph pencil, Wet & dry, Vice. Learn about characteristics of materials and components.		Robot Toy - Follow a given brief to make a Robot out of wood. Describe product purpose and how it works. Use of Hand saw, Tenon Saw, Coping saw, marking gauge, Pillar drill, drilling jig, ruler, tri-square, sanding material. Identify strengths and weaknesses. Learn about simple mechanisms - cam systems, wheels, axle.		Clock and stand - design and make a wooden clock with an acrylic stand. Create realistic and relevant ideas related to the brief. Use of Fretsaw, Line bender, disc sander, coping saw, pillar drill, files, sanding material. Self and peer evaluation. Learn about the use of mathematical and scientific vocabulary in DT.	
Food Technology	Students recap on the nutrients within their diet, based on knowledge from the Eatwell plate. They learn about the importance of hydration and about energy: needs and sources. Students make meals including starch, carbohydrates and yeast dough. In doing so they learn about cake making, the sources & functions of these foods, kneading, shaping and the finishing of yeast dough		Students learn about the types and function of protein, about micronutrients in the diet and the function of some vitamins and minerals. They prepare a protein based dish e.g. a filling for tortilla, a dish demonstrating the role of calcium and the preparation of sauces e.g. for a pasta dish. They also learn about the function of eggs in cooking		Students learn about the benefits of local or regionally sourced food and investigate how and why food is wasted. They cook mainly savoury main meal dishes for a hot school lunch, further developing and extending the preparation and cooking techniques taught throughout the year	
ICT	E-safety and presenting information. Make a short e-safety video using still images and text based slides	Presenting information, choosing appropriate information - digital literacy. Make a leaflet about a favourite pet, choose appropriate images and information to guide others	Sequencing and control. Using MS Windows logo, explore how shapes can be made using simple text based commands	Modelling. Exploring 'what if' situations to plan a pizza party!	Data handling. What is the favourite... Students carry out some simple research to find out the favourite items in the class. Make a questionnaire and the plot the results in a graph summing up what they find.	Computer gaming using Kodu. Make a simple computer game using the Kodu game maker
History	Cromwell: War of the Roses. Great Plague	Cromwell: Charles 1/11. Development of Parliament	Industrial Revolution: Cotton mills, railways, child workers	Industrial Revolution: Change in urban and rural communities. Inventions	Slavery: Slave trade, human rights, treatment of slaves	Crime and Punishment: Law and order in Victorian England. Sir Robert Peel and the start of the police force. Possible research task.
Geography	Coasts: Erosional processes. Erosional landforms	Coasts: Managing erosion	Climate and Ecosystems: Difference between climates. Study an ecosystem	Climate and ecosystems: Field trip to Second Nature for ecosystem	Brazil: Physical geography of Brazil. Rainforests	Brazil: Rainforests

MFL (French)	Food and drink. Common drinks and snacks. Express hunger/thirst. Order items in a café. Likes and dislikes. Nos. - 20. Ask for and give prices in €.		School life. Differences between French and English systems.	School subjects. Likes and dislikes.	Leisure activities. Talk about own pastimes; understand others' choices. Numbers 1-31. Months of year. Use in giving birthday.	
Art and Design	Colour and paint investigations. Maggie Hambling	Complimentary and harmonious colour. Colour and light. Colour and emotions	Kandinsky. Make a mobile	Pattern. Make wallpaper/wrapping paper or screensaver	Ceramics	'Explore' Arts Award (Entry Level 3 award)
Music	Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression	Improvise and compose music for a range of purposes using the inter-related dimensions of music	Listen with attention to detail and recall sounds with increasing aural memory	Use and understand staff and other musical notations	Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians	Develop an understanding of the history of music
PE	Invasion games - basketball	Invasion games - tag rugby	Net games	Cricket	Striking and fielding games	OAA
	Gymnastics	Dance	Swim	Swim	Athletics	Net games
RE	Sikhism: Who were the Gurus? Guru Granth Sahib	Sikhism: Khalsa and the 5 Ks Gurdwara practice and worship	Inspirational people: MLK, Rosa Parkes. What were they fighting for? Cross curricular with Art - Spirited Arts Competition	Inspirational People: Anne Frank, Nelson Mandela, Malala Cross curricular with Art - Spirited Arts Competition	Buddhism Life of Gautama Sidedhartha, 4 Noble Truths and the 5 Precepts	Buddhism 8 Fold Path and Buddhist prayer
Citizenship	Keeping safe	Bullying Road safety Crime and society	Sex and relationships education	Drugs, alcohol and tobacco education	Personal finance and career education	Healthy lifestyles
Drama	The Adventures of Odysseus	Theseus and the Minotaur, Perseus and the Gorgons Head	Floella Benjamin, Coming to England	Exploring racism	Life in Victorian times	Midsummer Night's Dream/The Tempest