

Summer term - Curriculum Overview

Year 7

CORE

English	<p>The Natural World covering concepts such as:</p> <ul style="list-style-type: none"> <i>Nature as edenic</i> <i>Nature representing life</i> <i>The pastoral</i> <i>The sublime</i> <i>Nature representing conflict</i> <i>The romantics</i>
----------------	---

Mathematics	<p>Data and Averages, focusing on:</p> <ul style="list-style-type: none"> <i>Representing data in graphs and charts</i> <i>Representing and interpreting data in tables</i> <i>Averages</i> <i>Averages from charts and tables</i> 	<p>Fractions focusing on:</p> <ul style="list-style-type: none"> <i>Equivalent fractions and simplifying</i> <i>Using mixed numbers and improper fractions</i> <i>Ordering and comparing fractions</i> <i>4 rules of number using fractions</i>
--------------------	---	--

Science	<p><i>In the summer term pupils continue to work through the different areas of Science - biology, physics, and chemistry - on rotation to help us share specialist equipment. However they follow the same sequence for each aspect of Science and so their final units this year will focus on the following:</i></p>	
Biology	<p>Reproduction The key areas of knowledge in this unit include: <i>reproductive organs, sex and fertilisation, development in the womb, flower structure, plant reproductive organs, seed dispersal.</i></p>	
Chemistry	<p>Acids and Alkalis. Key knowledge in this unit will include: <i>the pH scale, making indicator, evaluating indicator, using neutralisation, acids and alkalis in society.</i></p>	
Physics	<p>Forces In this module, the following key topics will be explored: <i>What is a force? Friction and air resistance, building bridges, floating and sinking, stretching springs and other materials.</i></p>	

History	<p>The Year 7 Summer term addresses the following key questions in History:</p> <ul style="list-style-type: none"> <i>Why was the Black Death so terrifying?</i> <i>What really happened on the 14th June 1381?</i> <i>How much power did medieval kings have?</i> <i>Why did Islam spread so far and so fast?</i> <i>What was so special about Baghdad?</i> <i>How can we know what Muslims thought of crusaders and invaders?</i> <i>What sort of changes did England experience during the war of the roses?</i> <i>How certain can we be that Richard III murdered the Princes in the tower?</i> 	
----------------	--	--

Geography	<p>The first half of the Summer term looks at a unit entitled Economy Vs Environment - Are we risking our natural world in order to make money? They will explore knowledge areas that include:</p> <ul style="list-style-type: none"> <i>Rainforests</i> <i>Antarctica</i> <i>Tourism</i> <i>Hydrocarbons</i> 	<p>In the second half of the Summer term, pupils work on a unit entitled Africa - what are the opportunities and challenges facing Africa? They will explore knowledge areas that include:</p> <ul style="list-style-type: none"> <i>Location</i> <i>Biomes</i> <i>Skills</i> <i>Human Issues</i> <i>Physical issues</i>
------------------	---	--

WORLD

Spanish	<p>Free time is our topic for the summer term. Pupils will learn vocabulary and explore language needed to speak, write, listen, and read about:</p> <ul style="list-style-type: none"> <i>Sports</i> <i>Key frequency phrases</i> <i>Hobbies and free time activities</i> <i>Weather</i> <i>Descriptions of famous people</i> 	<p>Grammatical and linguistic focus. In exploring this topic, pupils will learn the following key knowledge:</p> <ul style="list-style-type: none"> <i>Present tense of 'jugar'</i> <i>Present tense of 'hacer'</i> <i>verbs like 'gustar'</i> <i>Si clauses with present tense</i> <i>Comparatives</i>
----------------	--	---

French	<p>Free time is our topic for the summer term. Pupils will learn vocabulary and explore language needed to speak, write, listen, and read about:</p> <ul style="list-style-type: none"> <i>Sports</i> <i>Key frequency phrases</i> <i>Hobbies and free time activities</i> <i>Weather</i> <i>Questions</i> 	<p>Grammatical and linguistic focus. In exploring this topic, pupils will learn the following key knowledge:</p> <ul style="list-style-type: none"> <i>Present tense of 'jouer'</i> <i>Present tense of 'faire'</i> <i>Frequency phrases</i> <i>Full present tense (regulars)</i> <i>Si clauses with present</i>
---------------	--	--

Religious Studies	The summer term has a focus on the topic, Sacred Earth which explores Sikhism . Areas of key knowledge to be explored include: <i>What price the Earth?</i> <i>Sikhism and the environment</i> <i>The 5 K's</i> <i>Guru Nanak</i> <i>Gurdwara</i> <i>Philosophy</i>
--------------------------	---

To provide extended time to develop, plan, create, and evaluate projects in the technical disciplines, these subjects are delivered on a rotation basis and consequently, will be taught in different sequences. We have, however, outlined the first projects taken in each discipline below to give an overview of the content that will be covered during Year 7.

TECHNICAL

Design Technology	Electronics. Pupils are introduced to electronics. <i>They learn to identify a client, as well as basic electronics including inputs, LED's, resistors and switches. Students are introduced to electronic circuits and soldering to create a functioning night light. They implement a range of hand tools to create a base for their product using resistant materials. Students carry out CAD work using 2D design to develop their light frame and CAM using a laser cutter, to manufacture.</i>	Textiles. Sustainability and the re-useable Shopping Bag. <i>An introduction to the Core Technical Principles through Textiles, including fabrics, surface decoration and aesthetics. Considering sustainability and reusing products, students implement a range of skills using sewing machines and hand stitching techniques to produce a marketable product.</i>
		Graphics. Developing games. <i>Learning is based around the techniques of designing and communicating ideas, working with the Core Technical Principles of Paper and Board. Creativity and innovation are used to develop a board game of their choice. This is then created and tested.</i>

Computer Science	Programming and computational thinking - key knowledge includes: <i>Decomposing a game</i> <i>Programming and pseudo code.</i> <i>Testing</i> <i>Flowcharts</i>	Your computing licence - using ICT equipment safely and securely. Key knowledge includes: <i>Passwords, networks, and security</i> <i>Folder systems and structures</i> <i>Staying safe online</i> <i>Manipulating images</i>
-------------------------	--	--

Food Technology	As part of a rotation within the PE curriculum, children will carry out a Food Technology at some stage in the academic year. This will ensure they can: <i>understand and apply the principles of nutrition and health</i> <i>become competent in a range of cooking techniques</i> <i>understand the source, seasonality and characteristics of a broad range of ingredients</i>	
------------------------	---	--

Art	In the first half term pupils will look at Fish painting with a focus on 18th century to present and the work of Aleah Koury - This unit will look at the following knowledge and skill areas: <i>Exploring watercolour painting techniques</i> <i>Colour theory and colour mixing</i> <i>Mastering planning and independent composition-making</i> <i>Watercolour fish painting</i> <i>Exploring pattern design and tessellation</i>	Pupils move on to look at African pattern (contemporary) in the second half term. Pupils will work on the following knowledge and skill areas: <i>Exploring formal qualities of pattern</i> <i>Developing knowledge of patterns from different cultures</i> <i>Using mixed media to create an African shield</i>
------------	--	--

PERFORMANCE

Physical Education	PE groups participate in different sports and activities on a rotation. Year 7 sports will involve a range of activities that include: football, cross country, netball, dance, table tennis, rounders, cricket and Athletics. The key focus of skills across these disciplines include: <i>Accurate replication</i> <i>Outwitting Opponents</i> <i>Food & Nutrition</i> <i>Performing at max levels</i> <i>Striking and fielding</i>	
---------------------------	---	--

Drama	In the Summer term year 7 study Elizabethan Theatre . Key texts will include: <i>Hamlet</i> <i>A midsummer Nights Dream</i> <i>Taming of the Shrew</i> <i>Macbeth</i>	In the second half of the Summer term year 7 will also look Storytelling . Key skills and areas of knowledge include: <i>Puppetry</i> <i>Physical theatre</i> <i>Use of props</i>
--------------	--	---

Music	Year 7 begin the Summer term with a Melody writing unit. Key knowledge includes: <i>Composing and recording a 4/8 bar melody</i> <i>Editing music using music technology</i>	The second unit entitled Rock 'n' Roll builds in further practical work to support pupils towards delivering a sequenced performance of a rock 'n' roll song.
--------------	---	--