









Long Term Curriculum Overview for Year 5



Half Term	Autumn 1		Autumn 2		Spring 1		Spring 2		Summer 1		Summer 2	
Value	Belonging 		Peace 		Aspiration 		Compassion 		Resilience 		Challenge 	
Literacy Tree text	The Lost Thing	Poetry	Beowulf	The Snow-man	Freedom Bird	Oliver Twist	Hidden Figures	Curiosity: The Story of a Mars Rover	High Rise Mystery	The Tempest	The Odyssey	Percy Jackson
Literary Leaf	Real life Mysteries: can you explain the unexplained?		Poems from WW1 (Remembrance)	The Listeners	Black and British		When the Stars come out		The Race To Space		Mythologica	
Science	Properties and Change in Materials Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity and response to magnets.		Properties and Change in Materials Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating. Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible.		Forces A study of the famous scientist, Galileo . Gravity. Air resistance and friction.		Earth and Space Movement of Earth and other planets around the sun. Day and Night. Stages of the lunar month.		All Living Things and their Habitats Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. Describe the life process of reproduction in some plants and animals.		Animals Including Humans Describe the changes as humans develop to old age.	



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	<p>Know that some materials will dissolve in liquid to form a solution; describe how to recover a substance from a solution.</p> <p>Learn about key scientists Spencer Silver and Arthur Fry who were leading scientists in the world of adhesives including the post-it note!</p>					
History	<p>The Tudors</p> <p>Henry VIII and his six wives.</p> <p>Tudor fashion.</p> <p>Tudor buildings and settlements – see Geography.</p> <p>Henry’s Great Matter. How Henry VIII eventually split from the Catholic Church.</p>		<p>The Victorians</p> <p>The changing power of the monarch, Queen Victoria.</p> <p>The Industrial Revolution. How it changed the lives of people in Britain at the time.</p> <p>Britain’s first railways. How they were a significant</p>		<p>The Greeks</p> <p>The Ancient Greeks have influenced the modern world in so many ways, but what are these influences and how have they influenced us today? As historians, we will travel back in time to find out the</p>	



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	<p>Crime and punishment during the Tudor period. The rise and fall of Ann Boleyn.</p>		<p>turning point in Britain's history.</p>		<p>answers to our enquiries.</p>	
<p>Geography</p>	<p>Comparing London. Now and Then.</p> <p>Compare Tudor settlements to modern London. How has modern London changed compared to Tudor London?</p>	<p>Marvellous Maps</p> <p>Year 5 will use atlases to identify counties and countries within the United Kingdom and to plan a route using maps. We will use ordnance survey maps and learn about the map symbols used on them. We will also learn about compass points and six figure grid references.</p>		<p>Energy and the Environment</p> <p>Year 5 will be describing and understanding key aspects of human geography, including: types of settlement and land use, economic activity, including trade links, and the distribution of natural resources including energy, food, minerals and water in the context of what settlers need. We will also be learning about renewable and non-renewable energy.</p>		<p>Exploring Eastern Europe</p> <p>As geographers, Year 5 will be learning how to describe a continent as a large landmass and explain that continents are groups of countries. We will use atlases to identify some countries in Europe. Year 5 will be able to talk about important physical and human features of an area of eastern Europe. We will also be able to explain the planning that is needed for a trip abroad. Finally, we will be identifying the countries affected by the</p>



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						Chernobyl nuclear disaster in the 1980s.
Art and Design	<p>Portraiture</p> <p>Artist study - Hans Holbein linked to the Tudors.</p> <p>Levina Teerlinc – female miniaturist.</p>			<p>Abstract Art and Collage</p> <p>Artist study – Alma Woodsey Thomas.</p> <p>Focus – collage, colour, emotion.</p> <p>Year 5 will focus of colour and composition to build a piece of art which conveys a chosen emotion.</p>	<p>Watercolour</p> <p>Year 5 will study art and architecture inspired by nature. We will focus on botanical art by Georgia O’Keefe. The children will learn how to enlarge areas of focus and complete detailed depictions of flowers.</p>	
Design and Technology		<p>Seasonal Cooking – cooking and nutrition</p> <p>Year 5 will select from a wider range of ingredients, according to their functional properties and aesthetic qualities in the context of selecting ingredients for a nutritious seasonal meal.</p>	<p>Pulleys, Levers and Gears</p> <p>Year 5 will learn about which mechanisms suit different objects best. The children will make a gear, a pulley and a lever</p>			<p>Greek Architecture and Influence</p> <p>Year 5 will test the strengths of columns and building bridges following the styles and strategies used by the Ancient Greeks.</p>



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			according to a given criteria.			
Computing	<p>We are game developers</p> <p>In this unit, pupils plan their own simple computer game. They design characters and backgrounds, and create a working prototype, which they develop further based on feedback they receive.</p>	<p>We are cryptographers</p> <p>Pupils will investigate early methods of communicating over distances, learn about two early ciphers, and encrypt and decrypt messages in various ciphers.</p>	<p>We are architects</p> <p>In this unit, pupils will research examples of art gallery architecture, before using Trimble SketchUp to create their own virtual gallery. Finally, they use the gallery to exhibit their own artwork.</p>	<p>We are web developers</p> <p>Pupils will begin by learning how the school network and the internet work. They explore the HTML used to create websites and edit this using Chrome Developer Tools. They create their own website about online safety using Google Sites.</p>	<p>We are adventure gamers</p> <p>In this unit, pupils will create an interactive, nonlinear adventure game. They make this as a set of interlinked slides using hyperlinks in presentation software; the player chooses their path.</p>	<p>We are VR designers</p> <p>Pupils will use Google Street View and CoSpaces to explore and create virtual reality (VR) and augmented reality (AR) content of their own.</p>
Religious Education	<p>Key Question: How far would a Sikh go for their religion?</p> <p>Religion: Sikhism</p>	<p>Key Question: Is the Christmas story true?</p> <p>Religion: Christianity</p>	<p>Key Question: Are Sikh stories important today?</p> <p>Religion: Sikhism</p>	<p>Key Question: How significant is it for Christians to believe God intended Jesus to die?</p> <p>Religion: Christianity</p>	<p>Key Question: What is the best way for a Sikh to show commitment to their faith?</p> <p>Religion: Sikhism</p>	<p>Key Question: What is the best way for a Christian to show commitment to God?</p> <p>Religion: Christianity</p>
Physical Education	Gymnastics	Netball	OAA	Dance	Athletics	Cricket



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Personal, Social, Health and Emotional	Being me in my world	Celebrating differences	Dreams and goals	Healthy me	Relationships	Changing Me
<p>Modern Foreign Language (KS2)</p> <p>Spanish</p>	<p>Life around town. Giving directions.</p> <p>To begin our third year as linguists, we are going to be learning to use the word 'hay' (there is) or 'no hay' (there is not) and name familiar buildings in our town.</p>	<p>Revision of days of the week. Times of the day. Comparisons of Christmas in England and Spain.</p> <p>We are going to be revisiting the days of the week and learning how to express time of the day, for example 'por la mañana' (for the morning), 'por la tarde' (for the afternoon).</p>	<p>Sports and Hobbies. Counting to 50.</p> <p>We are going to be embedding our understanding of sports and hobbies, using a bilingual dictionary to support our spelling of new vocabulary.</p>	<p>Revision of fruits. Making comparisons of food. Creating Spanish recipes.</p> <p>We are going to embed our knowledge of food and drink. To support our learning and our reading skills we will be following a recipe in Spanish.</p>	<p>Revision of days of the week. Revision of weather. Seasons.</p> <p>We are going to learn the phrase 'hoy es' (day and date) (today is...).</p> <p>We are also going to be learning the seasons.</p>	<p>Saying where you live with compass. directions e.g. north of Ashford Park. Comparing life in Spain and England.</p> <p>Following on from our learning in Year 4, we will be learning how to give directions using compass points.</p> <p>To finish our year, we are going to be comparing life in Spain and England.</p>
<p>Music</p>	<p>Surrey Arts Music specialist lessons (violin)</p>	<p>Surrey Arts Music specialist lessons (violin)</p>	<p>Surrey Arts Music specialist lessons</p>	<p>Surrey Arts Music specialist lessons</p>	<p>Surrey Arts Music specialist lessons</p>	<p>Surrey Arts Music specialist lessons</p>
<p>Safety</p>	<p>E-Safety</p> <p>Consider appropriate username and passwords to ensure account safety and</p>	<p>E-Safety</p> <p>We will be introduced to encrypted internet connections. Furthering our understanding of</p>	<p>E-Safety</p> <p>Keeping information safe online.</p>	<p>E-Safety</p> <p>We will develop our understanding of online filters and online searches,</p>	<p>E-Safety</p> <p>We will consider safe searches when sourcing images and what to do when</p>	<p>E-Safety</p> <p>Improving our knowledge of location when using online devices and how this</p>



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	protecting personal information. School Trip safety	online safety and password security. Keeping safe at school	Fire safety	while fact checking information found online.	faced with inappropriate or disturbing content. Road Safety	can be used to track our location. Considering safety of QR codes. Electrical safety
Visits and visitors	Hampton Court	Local walk	Milestones Museum	Zoolab workshop	STEM Lego Robotics Workshop (D&T)	
Special events	Harvest	Anti-Bullying week Interfaith week		Easter		Sports Day Celebration of learning