

# Year 6 Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>TOPIC</b>	A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066 (change, enquiry)	A study of a place in Europe	Ancient Greece - a study of Greek life and achievements and their influence on the western world (significance)	Human body	Explorers and inventors- significant turning points in history Adaptation and classification	
<b>LITERACY GENRES</b>	Short stories in a range of genres 4 weeks Report 2 weeks	Explanation 2 weeks Recount-2 weeks Vocabulary building	Review narrative techniques-4 weeks Discussion-2 weeks	Persuasion-3 weeks Vocabulary building Narrative poetry	Debating skills-2 weeks Poetry appreciation-2 weeks Monologues 2 weeks Performance and Shakespeare	
<b>MATHS (cross curricular)</b>	Timelines	Investigate currency, time zones, distances	To look at the work of Pythagoras and other key mathematicians of ancient Greece Find out about how real Mathematicians work	Proportion-make a figure using knowledge of proportionality  Convert measures	Data handling-construct line graphs/pie charts	

<p><b>SCIENCE</b></p>	<p>NA</p>		<p>Explore legacy of Ancient Greeks Describe the changes as humans develop to old age Identify and name the main parts of the human circulatory system and describe the functions of the heart, blood vessels and blood Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function Describe the ways in which nutrients and water are transported within animals including humans Recognise that light appears to travel in straight lines Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.</p>		<p>Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches Use recognised symbols when representing a simple circuit in a diagram Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences including micro- organisms, plants and animals Give reasons for classifying plants and animals based on specific characteristics (Carl Linnaeus-pioneer of classification) Find out about the work of palaeontologists Recognise that living things have changed over time and that fossils provide information about living things that inhabited the earth millions of years ago Recognise that living things produce offspring of the same kind but normally offspring vary and are not identical to their parents Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution 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</p>
<p><b>HISTORY</b></p>	<p>Eg Monarchs Crime and punishment entertainment Significant turning point in British history</p>		<p>A study of Greek life and achievements and their influence on the Western world</p>		

<b>GEOGRAPHY</b>	Locate the world's countries using maps to focus on Europe including the location of Russia Understand geographical similarities and differences through the study of human and physical geography of a region in a European country				Identify the position and significance of latitude, longitude, equator, northern hemisphere, southern hemisphere, the tropics of cancer and Capricorn, Arctic and Antarctic circle, the prime/Greenwich meridian and time zones, including day and night Use field work to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans, graphs and digital technologies	
<b>ART</b>	Create sketch books to observations and use them to review and revisit ideas Improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (eg. Pencil, charcoal, paint, clay) Learn about great artists, architects and designers in history					
<b>D&amp;T</b>	Use research and develop design criteria to inform the design of innovation, functional, appealing products that are fit for purpose, aimed at particular individuals or groups Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design Select from and use a wider range of tools and equipment to perform practical tasks (eg. Cutting, shaping, joining and finishing) accurately Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities Investigate and analyse a range of existing products Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work Understand how key events and individuals in design and technology have helped shape the world. Apply their understanding of how to strengthen, stiffen and reinforce more complex structures Understand and use mechanical systems in their products (eg. Gears, pulleys, cams, levers and linkages) Understand and use electrical systems in their products (eg. Series circuits, incorporating switches, bulbs, buzzers and motors) Apply their understanding of computing to program, monitor and control their products Understand and apply the principles of a healthy and varied diet Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed					
<b>COMPUTING</b>	We are app planners	We are project managers	We are market researchers	We are interface designers	We are app developers	We are marketers
<b>RE</b>	The story of the People of God Navaratri (Hinduism)	Followers of Christ Advent Christmas Chinese New Year (Buddism) Guru Nanak's Birthday (Sikhism) Hanukka (Judaism)	Baptism and Confirmation Celebrations Lent	Holy Week Easter Baisakhi (Sikhism)	Pentecost Prayers in the lives of Followers of Christ Ramadan (Islam)	Belonging to the Church Community Celebrating the life of Mary & the Saints Asalha Puja Day (Buddism)

<b>MUSIC</b>	<p>Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression</p> <p>Improvise and compose music for a range of purposes using the inter-related dimensions of music</p> <p>Listen with attention to detail and recall sounds with increasing aural memory</p> <p>Use and understand staff and other musical notations</p> <p>Appreciate and understand a wide range of high quality live and recorded music drawn from different traditions and from great composers and musicians</p> <p>Develop an understanding of the history of music</p>					
<b>PE</b>						
<b>PSHE</b>	(Cambridge) Managing Risk (seal) New Beginnings	(Cambridge) Emotional well being Dealing with bullying Personal Safety Helping and getting help (Seal) Getting on and falling out Say no to bullying Protective Behaviours	(Cambridge) Safety Contexts (Seal) Good to be me	(Cambridge) Drugs and their uses (Seal) Relationships	(Cambridge) Managing Change (Seal) Going for Goals	(Cambridge) Keeping Healthy Identifying and reducing risk (Seal) Changes