



Year 6 Topic and Science Overview September 2021

Year 6						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
History	<p style="text-align: center;">Vikings</p> <p>Were the Vikings always victorious and vicious?</p> <p>Achievements (scientific and cultural) Shipbuilding, exploration.</p> <p>Society (politics and class) Roles of women (equality) King Alfred the Great and Cnut – why were they both called the Great?</p> <p>Food Farming and Trade Reasons for invasion - land</p> <p>Entertainment Hnefertafl</p> <p>Beliefs Pagan, polytheistic.</p> <p>Weapons and warfare Link to Blitzkrieg lightning raid. Invasions on Lindisfarne. Compared validity of Anglo Saxon chronicles and Viking sources Fluctuations of success against the Saxons. Danegeld.</p>		<p>What on Earth is a Ziggurat and what do you do with one?</p> <p>Ancient Civilizations- Maya A non-European society – Classic Mayan Civilization.</p> <p>Achievements (scientific and cultural) Astronomy, place value number system including 0,</p> <p>Housing and architecture Ziggurats, stone buildings (link to Anglo Saxons at the time).</p> <p>Society (politics and class) Nobles and peasants and the class system. Strict rules.</p> <p>Food Farming and Trade Collapse of civilisation over farming of the land</p> <p>Entertainment Celebrations, pok-a-tok.</p> <p>Beliefs polytheistic beliefs, sacrifices (mainly animal) Blood-letting</p> <p>Weapons and warfare Warring between city states</p>		<p>Britain used to own 25% of the world. We were pretty great, weren't we?</p> <p>A Study of an aspect or theme in British history, beyond 1066 - Spread of Empire, slavery, trade, and demise of empire</p> <p>Achievements (scientific and cultural) Owned 25% of globe; Made British government very rich due to taxes of people who had never set foot in Britain and work of slaves.</p> <p>Society (politics and class) British view of natives in colonised countries – savages/sense of superiority; Did they genuinely believe that they were making the lives of the savages better by bringing European goods, skills and technology?; Underground railroad – Harriet Tubman; Partus sequitur ventrem law; Emancipation proclamation; Near eradication of aborigines and native Americans.</p> <p>Food Farming and Trade Introduction of new products brought back from the colonies: coffee, cotton, tobacco, tea etc as well as gold and other minerals/jewels from Africa; Created plenty of job opportunities</p> <p>Entertainment Wealthy Brits visiting colonies on holiday. Spread of sports – look at which countries are best at cricket, rugby etc.</p> <p>Beliefs Spread of Christianity – link back to crusades.</p>	



						Weapons and warfare Strength of British Navy – more land meant more ports; Wanted to claim land so that the French, Spanish or Dutch did not; American War of Independence; American Civil War.
Geography	Its all just forest and fjords, isn't it? (Scandinavia) <ul style="list-style-type: none"> • Land use / settlement • Weather and climate Identify biomes and link to other locations across world. <ul style="list-style-type: none"> • Lifestyle and culture • Sustainability and environment Investigate the work of people who have made a significant change to the environment (Greta, David Attenborough) <ul style="list-style-type: none"> • Trade and economy 		The much-maligned America! (South America) <ul style="list-style-type: none"> • Land use / settlement National Parks. Popular tourist landmarks. Slums. <ul style="list-style-type: none"> • Weather and climate How does the weather compare to the UK? <ul style="list-style-type: none"> • Lifestyle and culture Populations, religion Indigenous cultures still are present in South America but the numbers are diminishing. <ul style="list-style-type: none"> • Sustainability and environment • Trade and economy Unfair distribution of natural resources Fairtrade. Industries Mexico UK			What made the jewel in the crown and does it still shine? (India) <ul style="list-style-type: none"> • Land use / settlement Difference North / South North – tourism South typical spice farming <ul style="list-style-type: none"> • Weather and climate Identify biomes and link to other locations across world. Compare cool mountain North the hot dry central plains and the hot humid tropical south. Monsoon season. <ul style="list-style-type: none"> • Lifestyle and culture Housing, food how does this compare to UK and across India? Population figures, the number of languages spoken and the main religious groups are detailed. Role of the Ganges <ul style="list-style-type: none"> • Sustainability and environment <ul style="list-style-type: none"> • Trade and economy Trade links with the rest of the world. Mumbai
Science	Living things and habitats- classification	Light	Animals including Humans- Circulatory System	Electricity	Evolution and Inheritance	Sound
PE	Games	Health & Exercise	Gymnastics		Athletics	Games
SCARF	Me and My Relationships	Valuing Differences	Keeping Myself Safe	Rights and Responsibilities	Being my Best	Growing and Changing



Friends Resilience	Friends Resilience- Meditation and relaxation/ Healthy eating/ Exercise/ Coping step plans		
RE	Christianity: What do the gospels tell us about the birth of Jesus?	Christianity: Why are Good Friday and Easter and Easter Day the most important days for Christians?	Compulsory Bridging Unit- So what do we now know about Christianity?
Music	You've Got a Friend - Glockenspiels - Recorder	Happy - Glockenspiels - Recorder	Don't Stop Believing (Freestyle Unit)
French	Language Angels Phonetics 1 – 4 Presenting Myself	Language Angels Do You Have a Pet? The Weather	Language Angels My House School
ICT	<p>Who was Ran and why was she important? (Comic creation).</p> <p>Using coordinates and variables to create a computer game – guiding a Viking long ship around obstacles with the mouse.</p> <p>Creating a 3D Viking ship (Computer Aided Design).</p> <p>Using a layered editing program to create a firework display – including reduction of opacity.</p> <p>What is e-communication and how can we use it? (Microblogging) – favourite holiday memories.</p>	<p>Journey of a red blood cell around the heart (animation). Use custom paths in PowerPoint to label the heart and show the journey of a blood cell.</p> <p>Creating a virtual Ziggurat using Minecraft (CAD). Use Minecraft on the Raspberry Pi's to create a virtual Ziggurat based on a design brief.</p> <p>Creating Morse Code using an electrical circuit using Raspberry Pi's.</p> <p>What threats do we face when using ICT and how can we combat them? Research a given threat & create a document of their choice to present to the class.</p>	<p>Why do people lie in cyber-space? Exploration of how others behave online. Analyse L'Oreal advert and discuss how language is used to sell the product.</p> <p>Creating a spreadsheet model to record the ingredients and prices of a chosen recipe (including reformatting cells & use of formulas).</p> <p>How can we stay safe online? (Photo editing). Layer images to create a poster to share good practice when using the internet.</p> <p>What is binary code and how does it affect the technology we use? Use binary code to decode and create messages & discuss how binary code is measured.</p> <p>What is a search engine and how does it work? Physically act out how a search engine retrieves records & provides storage via the cloud.</p> <p>Are all developments in ICT positive? Explore developments in robots & consider some of the positives & negatives.</p>
Art	Insects and Bugs Art from other cultures. Mexico	Op art positive and negative space.	Exploring memories, emotions and feelings through art
DT	Structures & Materials- Design and build a Viking Ship	Construction & Structures- Build a Ziggurat Computer Aided Design- Build a Minecraft Ziggurat based in a brief. Electrical & Mechanical components-	Creating a marble run (post- SATs activity).



		Design and build a lighthouse keeper transfer system.	
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