



Year 5 Topic and Science Overview September 2021

Year 5						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
History	<p style="text-align: center;">Ancient Greeks</p> <p style="text-align: center;">Usain Bolt and Boris Johnson – how did the Greeks lead us to this?</p> <p>Ancient Greece - A study of Greek life and achievements and their influence on the western world</p> <p>Achievements (scientific and cultural) Democracy, philosophers.</p> <p>Housing and architecture Temples and amphitheatres,</p> <p>Society (politics and class) Compare to Saxons, Greece is a collection of states including Athens and Sparta. Alexander the Great and mixing of cultures.</p> <p>Food Farming and Trade Long coastline and islands, trade by sea.</p> <p>Entertainment Greek myths – why did they use mythology? (Explained phenomena, reinforced ideas of Gods, and justified social and political institutions). Olympics</p> <p>Beliefs Gods and Goddesses linked to the myths</p>		<p>How would you like to spend every day in a factory?</p> <p>Industrial Revolution A Study of an aspect or theme in British history, beyond 1066</p> <p>Achievements (scientific and cultural) Cragside, the first electricity production. Compare with modern day environmentally friendly electricity/technologies. Sanitation (link to Romans)</p> <p>Housing and architecture Factories and mills, Victorian housing, development of towns and cities. Fire and safety developments in mill buildings.</p> <p>Society (politics and class) Child labour and legislation.</p> <p>Food Farming and Trade Trade links (Empire) and mass production.</p> <p>Entertainment Ability and expansion of physical horizons, holidays.</p>		<p style="text-align: center;">Were the Anglo-Saxons really smashing?</p> <p>Britain's settlement by Anglo Saxons Achievements (scientific and cultural) Laws and crime and punishment, Weregeld. Development of the English Language.</p> <p>Housing and Architecture. Changes in buildings since the Romans left.</p> <p>Society (politics and class) Roman withdrawal (Collapse of Empire) Different kingdoms and different rulers.</p> <p>Development of a countrywide monarch – Angleland.</p> <p>Food Farming and Trade</p> <p>Entertainment Storytellers- Beowulf, feasting halls and music (Jarrow Hall) Jewellery (link to Sutton Hoo)</p> <p>Beliefs Christian to Pagan to Christianity (link to Northern Saints).</p> <p>Weapons and warfare Invasion and settlement of the Angles, Saxons and Jutes</p>	
Geography	<p>A country of Islands! Greece</p> <ul style="list-style-type: none"> • Land use / settlement • Weather and climate <p>What is the weather like in the Mediterranean?</p>		<p>What is the difference between America and the USA?</p> <ul style="list-style-type: none"> • Land use / settlement <p>What is the land used for? Identify countries and capitals in North America.</p>		<p>No Islands, no problem. In Dubai they just build them! (Dubai)</p> <ul style="list-style-type: none"> • Land use / settlement • Weather and climate <p>Physical or human features? Linked to the Palm</p>	



	<ul style="list-style-type: none"> • Lifestyle and culture • Sustainability and environment <p>Tourism linked to cruise ships effect on animals. Suggest ways to help save the environment and possibly reverse climate change – turn lights off, electric cars etc.</p> <ul style="list-style-type: none"> • Trade and economy 		<p>Compare landscapes physical and human features across USA.</p> <ul style="list-style-type: none"> • Weather and climate <p>Compare weather across USA and then with UK.</p> <ul style="list-style-type: none"> • Lifestyle and culture • Sustainability and environment • Trade and economy 	<p>What is climate like? Vegetation belt?</p> <ul style="list-style-type: none"> • Lifestyle and culture <p>Compare lifestyle those living in Dubai to the UK.</p> <ul style="list-style-type: none"> • Sustainability and environment <p>Identify the negative effects of using non - renewable energy sources · Suggest some different ways to make a location more sustainable.</p> <ul style="list-style-type: none"> • Trade and economy <p>Identify the impact trade has on human features</p>		
Science	Forces	Earth and Space	Materials	Animals including humans- life cycles	Living things ad habitats	
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/ Role Models and support teams					
RE	<p>Islam- What do Muslims believe about God and how are these beliefs expressed?</p> <p>Christmas: What are the themes of Christmas?</p>	<p>General enquiry: How do religions teach about the environment?</p> <p>Easter: Why is the Last Supper important to Christians?</p>	<p>Christianity: What can we learn about Christian faith through studying the lives of the Northern Saints?</p>			
Music	<p>Make You Feel My Love</p> <ul style="list-style-type: none"> - Glockenspiels - Recorder 	<p>Livin' on a Prayer</p>	<p>Fresh Prince of Bel Air</p> <ul style="list-style-type: none"> - Glockenspiels - Recorders 			
French	<p>Salut!</p> <p>Topic: On Holiday</p> <p>Lesson 1, 2 and 4</p>	<p>Salut!</p> <p>Topic: Eating Out</p> <p>Lesson 1, 4 and 5</p>	<p>Salut!</p> <p>Topic: Family</p> <p>Lesson 1, 2 and 5</p>			
ICT	<p>What is a spreadsheet model and why is it useful? – Calculating weights on different planets.</p>	<p>What is E-Communication and how do we use it? (Linked to comments)</p>	<p>What are the key parts of our computer network and why is a server important?</p>			



	<p>Creating a firework display in Logo.</p> <p>Can you program the Christmas decorations to flash? (Inputs, Outputs & Processes)</p> <p>How does a search engine work?</p> <p>What is cyber-bullying? What should you do if it happens to you? What are the consequences of taking part in it? (Comic)</p> <p>Using a layered editing program to turn ourselves into Astronauts.</p>	<p>Can we trust everything we find on the internet? – Validity of sources</p> <p>Creating our own play park to appeal to all children across our school –CAD.</p>	<p>Creation of a quiz using Scratch programming (including copyright/validity of sources).</p> <p>How do sensors effect how we control things? – Lego Robots</p> <p>Using custom animations and formatting tools to effectively present (linked to life cycles).</p>
Art	<p>Art from other cultures. Exploring materials and techniques inspired by Japanese art and culture.</p>	<p>Exploring great artist from the past. Mondrian.</p>	<p>African art</p>
DT	<p>Textiles- Cross stitch product</p>	<p>Mouldable materials- Design and make a fridge magnet (GM) Computer Aided Design- Design a play park (PA) Electrical & Mechanical Components – Design an object utilising electrical components – cross curricular link to Scientific Discoveries and Industrial Revolution</p>	<p>Food Technology- Making Bread linked to Anglo Saxons.</p>