



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>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>Language Angels</p> <p>Phonetics 1 – 3</p> <p>Vegetables</p>	<p>Language Angels</p> <p>Presenting Myself</p> <p>Family</p>	<p>Language Angels</p> <p>At the Café</p> <p>Clothes</p>			
ICT	<p>What is cyber-bullying? What should you do if it happens to you? What are the</p>	<p>How does a search engine work? Physically act out how a search engine retrieves records of pages from servers.</p>	<p>What are the key parts of our computer network and why is a server important? Introduce & discuss the key components</p>			



	<p>consequences of taking part in it? Create a comic.</p> <p>Creating a firework display in Logo. Create programming in FMS logo (text-based programming)</p> <p>Can we trust everything we find online? Use Interland Resources in Reality River by Google.</p> <p>What is a spreadsheet model and why is it useful? – Calculating weights on different planets.</p> <p>Can you program Christmas decorations to flash? Inputs, Outputs & Processes to control lights on a Xmas Tree.</p> <p>Using a layered editing program to turn ourselves into Astronauts.</p> <p>Using animations within PowerPoint to label the key features.</p> <p>Programming an EV3 robot to solve a chosen problem using Lego models.</p>	<p>Can we trust everything we find on the internet? – Using websites linked to topic, complete website trust profiles for two websites, investigating who wrote the information, how old it is, the purpose of the website, which company owns the website and if it can be edited by users.</p> <p>Creating a 3D Computer Aided Design. Design a playground to suite a chosen target audience (i.e., KS1 & KS2).</p>	<p>of a network – Cut and stick components to make a diagram of a simple network.</p> <p>Creation of a quiz using Scratch programming using IF ELSE statements to respond to correct and incorrect answers. Create a variable to keep score.</p> <p>Using custom animations and formatting tools to effectively present. Use formatting tools to create a diagram to show clearly the steps of a chosen life cycle.</p> <p>What is E-Communication and how do we use it? Explore what is currently trending. Take a selfie & upload into Seesaw & use comments to highlight positives about a chosen partner anonymously – introduce the concept of trolling.</p> <p>Using Excel to calculate and present data (from a science experiment). Use chart wizard to present the results in a clear graph.</p>
<p>Art</p>	<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>
<p>DT</p>	<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</p>	<p>Food Technology- Making Bread linked to Anglo Saxons.</p>



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