



Topic and Science Overview September 2020

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. 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. 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>Region in a European country – Greece</p> <ul style="list-style-type: none"> • Locational knowledge – seas surrounding Europe, major cities, capital cities in Europe • Human geography – land use, landmarks, 		<p>Seas and Oceans</p> <ul style="list-style-type: none"> • Locational knowledge – locate on globe, atlas, focus on maps • Human geography. – natural resources tidal power, off shore wind farms, economic activity, 		<p>Africa</p> <ul style="list-style-type: none"> • Locational knowledge –Equator, latitude, longitude, southern hemisphere, time zones • Human geography – land use, landmarks, economic activity 	



	<ul style="list-style-type: none"> • Physical geography – climate zones, • Environmental Impact/Effect 	<ul style="list-style-type: none"> • Physical geography – natural disasters • Environmental Impact/Effect – fish farming, oil disasters, plastic 	<ul style="list-style-type: none"> • Physical geography – climate zones, biomes, how does it differ across the continent? • Environmental Impact/Effect – 			
Science	Forces and magnets Which is the best zip wire? How does the surface area of a parachute affect the time it takes to fall to the ground?	Earth and Space What can we learn about the surface of the moon? Does every planet take the same time to orbit the sun?	Materials Which materials in my kitchen cupboard dissolve?	Animals including humans- life cycles When will I grow up? How will I look when I am old?	Living things ad habitats Can I use seeds from a plant to grow a new plant?	
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	Islam- What do Muslims believe about God and how are these beliefs expressed? Christmas: What are the themes of Christmas?		General enquiry: How do religions teach about the environment? Easter: Why is the Last Supper important to Christians?		Christianity: What can we learn about Christian faith through studying the lives of the Northern Saints?	
Music	Make You Feel My Love - Glockenspiels - Recorder		Livin' on a Prayer		Fresh Prince of Bel Air - Glockenspiels - Recorders	
French	Salut! Topic: On Holiday Lesson 1, 2 and 4		Salut! Topic: Eating Out Lesson 1, 4 and 5		Salut! Topic: Family Lesson 1, 2 and 5	
ICT	How do sensors effect how we control things? – Lego Robots What is a spreadsheet model and why is it useful? – Calculating weights on different planets. Creating a firework display in Logo.		How does a search engine work? What is E-Communication and how do we use it? (Linked to comments) Can we trust everything we find on the internet? – Validity of sources.		What is cyber-bullying? What should you do if it happens to you? What are the consequences of taking part in it? (Comic) What have the bees ever done for us? (Multimedia presentation or web design).	



	Can you program the Christmas decorations to flash? (Inputs, Outputs & Processes).	Creating our own play park to appeal to all children across our school – CAD. Creation of a quiz using Scratch programming (including copyright/validity of sources.)	What are the key parts of our computer network and why is a server important?
Art	Art from other cultures. Exploring materials and techniques inspired by Japanese art and culture.	Exploring great artist from the past. Mondrian.	African art
DT	Textiles- Cross stitch product	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	Food Technology- Making Bread linked to Anglo Saxons.