

CURRICULUM MATRIX YEAR 5

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic	<u>Tribal Britain</u> http://www.primaryhomeworkhelp.co.uk/saxons/where.html		<u>Meet the Greeks</u>		<u>We are Smugglers</u>	
History	<p>Anglo Saxon and Scott settlement in Britain (450 AD)</p> <p>British History (taught chronologically) Anglo-Saxons and Vikings, Roman withdrawal from Britain; Scots invasion Invasions, settlements and kingdoms Viking invasions; Danegeld - Lindisfarne (trip) (link to RE Northern Saints) Anglo-saxons law & justice – settlement of tribes Edward the Confessor & his death 1066</p>		<p>Meet the Greeks – study of Greek life and their influence on the western world.</p> <p>Broader History Study - Ancient Greece/modern Greece, i.e. A study of Greek life and achievements and their influence on the western world “the cradle of civilisation” – ancient Olympics, architecture, maths, philosophy, body/mind/medicine, the land of the gods, literature, birth place of democracy, political science, theatre, astronomy,</p> <p>DIGITAL LITERACY – We Are Bloggers – Blog as they research information for their tour guides.</p>		<p>A study of an aspect of history or a sight dating from a period beyond 1066 that is significant in Hartlepool.</p> <p>Smugglers – Local Study. Hartlepool Maritime History. 1817 The Classic British Frigate: Napoleonic War Battle of Trincomalee Anti-slavery Invasion of Cuba Riots in Haiti</p>	
Geography	<p>Name counties & regions in Uk – human & physical characteristics (hills, rivers, coasts & mountains, boarders), key topographical features. What was it that attracted certain tribes to live in certain regions? Connections with nearby places - trade</p> <p>Changes over time from Anglo-Saxon Britain to present day.</p> <p>Apply knowledge to</p>	<p>Study the similarities & differences between UK and Sweden focusing on topographical features of Sweden and Cumbria</p> <p>Mountains/glaciers coasts/Rivers & lakes/Settlement types & why people settled near the coast, in-land, on farms, mountains - environmental regions</p> <p>What do people need to live and survive?</p>	<p>Similarities and differences between UK & Greece.</p> <p>Human & physical characteristics (hills, rivers, coasts & mountains, boarders), key topographical features.</p> <p>What was it that attracted Greeks to live in certain regions? Connections with nearby places – trade</p> <p>Changes over time from Ancient Greece to present day.</p> <p>DIGITAL LITERACY –</p>	<p>Distribution of natural resources - food & minerals – import/export of food, diets in different countries, seasonality of food and crops (link to D.T.)</p>	<p>Biomes Vegetation belt (Caribbean – Haiti, Cuba, Dominican Republic) Tropics of Cancer and Capricorn Prime/Greenwich Meridian - Time Zones</p> <p>Human & physical characteristics (hills, rivers, coasts & mountains, boarders), key topographical features – of Caribbean island(s)</p> <p>What was it that attracted people to live in certain regions? Connections with nearby places – trade</p> <p>Changes over time from</p>	<p>Hartlepool - Fieldwork & geographical skills within local area:</p> <p>8 point-compass, 4-figure Grid reference & ordnance survey map.</p> <p>Trip to Summerhill – travelling back in time as pirate smugglers and they have to locate the smuggled goods.</p>

	computing to create game.		We Are Bloggers – Blog as they research information for their tour guides.		Ancient Greece to present day.
Art & Design	<p><u>Sculpture</u></p> <p>Tribal masks Observational drawing of the faces of tribes-men, women and animals (headdresses, tribal patterns, facial expressions, purpose of masks) – link to DT in 2nd half term).</p>		<p><u>Drawing</u></p> <p>Significant ancient Buildings – coliseum, Acropolis, Parthenon,</p> <p>Comparison of ancient Greece to the rest of the ancient world</p> <p>The impact on modern architecture.</p> <p>Children to create a city map of their architectural drawings, incorporating the most significant landmarks/architecture . Each child to contribute one element to the overall city.</p> <p>Greek Architects – Karpion (5BC the temple of Athena) Kostas Biris – city planner Constantinos Decavallas - Modern</p> <p>Key Focus – Drawing Perspective Tonal qualities Observational Shading Cross-hatching</p>		<p>Painting</p> <p>Progression on art during the slave trade between Africa & Caribbean. How do artists tell the story of the slave trade through their paintings? What can we learn about the slave trade from their paintings?</p> <p>Maritime themed pictures & Artists Caribbean art/artists – Caribbean arts festival Spain/Slavery Composition How does body position and shape portray different messages? How are people involved portrayed through these paintings?</p> <p>mixing appropriate colours Mix and match colours to create atmosphere, light effects and moods</p> <p>Paul Gaugin</p>
Science	<p>Classify materials according to a variety of properties Reversible & irreversible changes: Understanding Mixtures and solutions:</p>		<p>Sun, Earth & Moon – Galileo</p> <p>Understand location and interaction of Sun, Earth and Moon.</p>		<p>Life Cycle of plants & Animals: Describe the differences in the life cycles of a mammal amphibian, insect, bird – link to topic – African & Caribbean animals & birds</p>

	<p>Link to geography & problem solving around every day tribal life - separating materials – salt from water, muddy water</p> <p>Development & maturity of animals including humans: Describe the changes as humans develop to old age.</p>	<p>Children are to be given the role of ancient Greek scientists – Hypatia (ancient mathematician, philosopher, astronomer) is their leader.</p> <p>Investigation Lead topic - Does the Earth Travel around the Sun? How do we know that the moon doesn't travel around the sun? Why do we have seasons? Why does the moon appear to change shape in the night sky? Why do we have a leap year every four years?</p> <p>Link to Topic – Astronomy.</p>	<p>Describe the life process of reproduction in some plants and animals.</p> <p>Gravity Resistance & Forces – link to D.T. Explain that unsupported objects fall towards the Earth – gravity/ Effects of air and water resistance (hydraulics in D.T.) and friction (forest school) that act between moving surfaces. Recognise some mechanisms including levers, pulleys and pneumatics, allow a smaller force to have a greater effect (DT).</p>
Computing	<p>We are Game Developers – programming. Software – Scratch/Kodu Context – Game based on Anglo-Saxon exploring the counties of the UK. Used to bring the tribal leaders together. Refers to Computer Science/programming objectives. Refer to Digital Literacy objectives – select, use and combine a variety of software.</p>	<p>We are architects – productivity Software – Lego on iPad/Home Design 3D/3D VAS Context – Design a Grecian space which incorporates features of ancient Greek architecture (indoors or outdoors). To be used as a teaching space to teach the tourists. Refers to Computer Science/programming objectives. Refer to Digital Literacy objectives – select, use and combine a variety of software.</p>	<p>We are Cryptographers – computational thinking Software – The Black Chamber, Snap, Snatch. Context – linked to smugglers sending messages in code. Refers to Computer Science/programming objectives.</p>
Languages	<p>Introduction to Spain and Spanish Meeting and greeting people Spelling in Spanish Counting to 20 Saying how old you are Days of weeks, months of year. Alphabet in Spanish Birthdays</p>	<p>Items in your school bag The indefinite article (a) Plurals Describing your classroom The definite article Likes & dislikes Hobbies colours</p>	<p>Using adjectives Animals Using dictionary Family Work Food & drink Nationalities & countries Weather.</p>

PE	<p>Outwitting opponents – tag rugby. <u>Attacking skills.</u> Dodging opponents to run into a space</p> <p>HAL – dance training e.g. Zumba, aerobics Develop a range of patterns in movement linked to tribal dances.</p> <p>Focus on body shapes, body positions and expression of face and through movement.</p>	<p>Outwitting opponents – basketball <u>Defending skills</u> Developing peripheral vision. Develop awareness of where ball and opponent is. Man marking. Dodging to keep with marker</p> <p>Significant People –</p> <p>No more due to Christmas play</p>	<p>HAL – Cross country – aerobics. Activities to develop stamina, breathing techniques. Explore the history through the Olympics. Significant People – Mo farra</p> <p>Creative movement – gym develop flexibility, strength, technique, control and balance. Focus on body shapes, body positions. Explore the history through the Olympics. Significant People – Beth Tweddle</p>	<p>Leadership Fundamental skills – athletics. Throwing, sprinting, jumping Significant People –</p>	<p>Outwitting opponents – net and wall Develop racket and ball control Explore other ways of moving ball using hands and rackets to allow ball to travel over the net. Develop understanding of different point scoring systems in tennis & volleyball. Be able to identify similarities and differences between them. Significant People – Andy Murray, Nedal</p> <p>Creative movement – dance. Link to sea shanty/folk dancing. Sequencing movements. Focus on body shapes, body positions and expression of face and through movement. Significant People –</p>	<p>Leadership Outdoor adventure. Develop roles within a team including leadership role, scribe, questioner. Link to orienteering in geography. Significant People –</p>
Music	<p>Tribal Unity – children to create a piece of music to encourage unity between tribes in Britain. Using influence from other tribal music, tribal instruments, rhythm, tempo, dance.</p> <p>Beat notation, crotchet, quaver, minum, semibreve.</p> <p>Listen & Recall Sounds</p> <p>Famous musicians: ABBA/Wagner</p> <p>duration, dynamics, tempo, timbre</p>		<p>This unit takes, as its starting point, Gustav Holst’s “The Planets” as a basis for creative composition tasks leading to a class musical performance of a “Journey Into Space”.</p> <p>Pupils listen to different extracts from Holst’s “The Planets” at various points throughout the unit, beginning with “Mars, The Bringer of War”, exploring how Holst basis this movement on an ostinato pattern.</p> <p>After performing and creating their own ostinato patterns and adding dynamic contrasts in the form of crescendos and diminuendos, pupils create their own descriptive “Mars” pieces incorporating an</p>	<p>Understand the history of music - Sea Shanties.</p> <p>Naval/army Music.</p> <p>Pitch, duration, dynamics, tempo, timbre</p> <p>Create their own sea-shanty to motivate fellow smugglers n the dangerous high seas.</p> <p>Beat notation, crotchet, quaver, minum, semibreve. Use and understand staff notation- below & above the staff, sharp & flat notes – garage band App.</p> <p>Composers – The classical period - Tchaicovsky</p>		

		<p>ostinato and other musical features which Holst uses in his movement.</p> <p>Concepts of mood, tempo, dynamics and instrumentation (or timbre) and these are explored through Richard Strauss's "Also Sprach Zarathustra" which pupils explore in terms of a piece of descriptive music used to describe a "Rocket Launch".</p> <p>Finally, pupils create musical soundscapes for the other planets, structuring these with the opening "Rocket Launch" theme for a class musical performance of their Journey Into Space.</p>	<p>1812 Overture, Beethoven, Haydn.</p> <p>Pitch, duration, dynamics, tempo, timbre</p>		
Design & Technology	<p>Textile Draw String Bag Cross Stitch Patterns Back running stitch to secure</p> <p>Design – purpose-templates</p> <p>Textile Designers – mulberry, Prada</p>		<p>Food Spanish/Greek food. History of</p> <p>Tortillas Paella Greek Salad Frittata</p> <p>Children's centre – for cooking lessons.</p> <p>Seasonality across different countries in Europe. Food origins.</p> <p>Famous Chef – Ferran Adria el Bulli,</p>	<p>Ship Wars Pulley mechanism – raising and lowering anchor.</p> <p>Children make boat using Jinx modelling.</p> <p>Nautical Ship designers - Sir John Henslow, Jamsetjee Bomanjee (Bombay) BAE – Modern Ship building.</p>	
Forest School	<p>Link to geography – settlements – children to identify suitable settlements for their villagers. Making den, huts, identifying means to survive.</p> <p>Available natural materials to make your purse – extension from combination thinking key.</p> <p>Sorting natural materials found in environment – link to science.</p>	<p>Link to geography and D.T.</p> <p>Link to architecture/ shelters- allow ch to explore the features and functionality of a range of shelters. Why are British/ Greek homes the shape/ colour s they are? Why are certain materials used? – progression from Autumn term – evaluating structures.</p>	<p>Link to Science – friction – making fires.</p> <p>Orienteering Biomes in a forest Farming frog spawn – link to Save the Frogs project & life cycles in science.</p> <p>Evaluating boats in DT – do they float and move easily through water? Link to science – water resistance when floating on water.</p>		

<p>Thinking Skills</p>	<p>Thinking hats to be used daily across the curriculum to prompt and develop thinking process.</p> <p>Ryan's Thinking Keys: Combination Key: DT – wool/horse hair/wood BAR: DT/MUSIC –use to evaluate their pieces of work Bigger Addition Replace Alphabet: general warm up in literacy to develop vocabulary in context. TOPIC – list counties/regions to consolidate learning. Variation – how many ways can you...start this sentence with a different opener, write this sentence without changing its meaning (poetry), argue as to why the tribes should either get along or not. picture key – to throughout all curriculum subjects as a way to enhance visualisation capacity of various topics based on what knowledge they already have. prediction – what if – the romans had never left Britannia? the Saxons hadn't invaded? Social media was around during Anglo-Saxon settlement in Britain? reverse – disadvantages – of Anglo-Saxon settlement? different uses – for needle & thread ridiculous – commonality – link to poetry to deepen understanding and use of figurative language particularly metaphors for use in Kenning Poetry. brainstorming – ways to enhance camaraderie invention – link to design element of DT – brick Wall – construction -</p> <p>Tribal shipwreck. Warriors are travelling between Holland and Britain when their ship comes into difficulty. The ship capsizes and survivors find that they are left with various equipment. They have to use thinking skills to</p>	<p>Thinking hats to be used daily across the curriculum to prompt and develop thinking process.</p> <p>Link to science investigations.</p> <p>Ryan's Thinking Keys: Combination Key: DT – provide random ingredients for children to create an edible, tasty Grecian dish. BAR: DT/MUSIC –use to evaluate their pieces of work Bigger Addition Replace Alphabet: general warm up in literacy to develop vocabulary in context. TOPIC – rivers, coasts, mountains in Greece & UK. Variation – how many ways can you...start this sentence with a different opener, write this sentence without changing its meaning (poetry), explain how the earth orbits the sun picture key – to throughout all curriculum subjects as a way to enhance visualisation capacity of various topics based on what knowledge they already have. prediction – what if – the sun wasn't hot? We didn't have leap years? The earth orbited the sun in the shape of a trapezium? reverse – 10 things which could not be imported to the UK from Greece (vice versa). disadvantages – of using a map, different uses – for needle & thread ridiculous – commonality – brainstorming – invention – link to design element of DT – Grecian recipe brick Wall – all primary aged children must receive free school meals. construction -</p> <p>Greek God murder mystery. Children use undertake various activities linked to the different coloured thinking hats to try to solve the murder.</p>	<p>Thinking hats to be used daily across the curriculum to prompt and develop thinking process.</p> <p>Smuggler's Thinking keys – discrete thinking skills session in which children develop their thinking skills using the thinking keys. Scenarios to be created linked to the smugglers, their pirate ship & their adventures.</p> <p>Ryan's Thinking Keys: Combination Key: DT mechanisms– ship/dolphin/balloon/elastic band/wood BAR: DT/MUSIC –use to evaluate their pieces of work Bigger Addition Replace Alphabet: general warm up in literacy to develop vocabulary in context. TOPIC – rivers, coasts, mountains in Caribbean. Variation – how many ways can you...start this sentence with a different opener, write this sentence without changing its meaning, end this story? picture key – to throughout all curriculum subjects as a way to enhance visualisation capacity of various topics based on what knowledge they already have. prediction – what if – captain cook had never discovered Australia? reverse – 10 animals you wouldn't find in the Caribbean. 10 things you would not hear/find/see on board a ship. disadvantages – of using sailing trade, different uses – for needle & thread ridiculous – commonality – brainstorming – ways to prevent or deal with mutiny on-board pirate ships. invention – brick Wall – statements linked to slave-labour & legislation brought about as a result of abolition of slave trade in Britain. construction -</p>
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find a way out of the situation.

White: Facts of the situation

Black: Disadvantages

Yellow: Advantages

Red: Feelings: ... what you feel you should do
(only 30 seconds to be spent on this hat)

Green: Alternative ideas:

Blue: What next? (Decision time! Answer the question)