

Curriculum Map for Year 5

Subject Area	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topics	Deserts	Scandinavia	The Vikings	Greece	Ancient Greece	Revolution
	<p>What makes a desert a desert and why are they so significant to our planet? Compare the deserts of North and South America, Australia, Africa and Antarctica, understanding their climates, formation, uses, their surprising abundance of life and how our actions can help heal or damage fertile land and deserts [in rainforests and Antarctica and the Arctic] and how this will impact on the world forever. Follow the adventurous expeditions of Shackleton, become map reading orienteering explorers and learn how to view and represent the world's</p>	<p>How can the natural resources of Scandinavia and the UK improve our lives? Study and compare Norway, Sweden, Finland, Denmark, Iceland and UK focusing on: environmental regions; key physical and human characteristics and major cities; directing, visualising and explaining where these are; finding out how to improve our communities through renewable energy sources of wind, water and volcanos as seen across Scandinavia and UK.</p>	<p>What happened after the Anglo-Saxons settled in Britain, and how did new invaders transform this land once again, where did they come from and why were they here? Build on Y4 "Anglo-Saxon" to study the Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor, including: Viking raids and invasion; resistance; the first King of England; Danegeld; laws and justice; Edward the Confessor and his death in 1066. Compose music and raps to represent this.</p>	<p>How did mountains become mountains, and why is one Greek mountain in particular, so famous? Navigate across the globe, from mountain to mountain, understanding how they are formed, their significance, climates, effect on plant and animal life at different altitudes and impact of tourism. Focus in on Greece and its famous Mount Olympus, home of the Gods, along with the myths and beliefs that influenced the art world from Greek amphoras to paintings, sculptures and even superhero comic books of today.</p>	<p>If the Ancient Greeks never existed, how would my life, town, nation and the world be different today? Build upon knowledge of Greek beliefs and understand how worship of the gods was integral to their lives and their achievements, focusing on Athens and Sparta, their values, ideas, culture and legacy of language, theatre, Olympics, democracy, philosophy and military might. Learn how to represent these lives and achievements through your own theatre/music production.</p>	<p>What have been some of the most revolutionary inventions and movements to impact change in Britain, particularly around the Victorian era? Focus in on the Industrial Revolution to understand it's vast and rapid impact on rural and urban lives in past to the modern day, linking back to learning from "Deserts" and "Scandinavia". Look through the eyes of artists of that time and the deeper narratives their works reveal. Understand the impact other big changes had at this time, focusing on democracy and woman's rights in the early 1900s [Suffragettes].</p>

	deserts through the eyes of an artist.					
English	-Shackleton's Journey by William Grill -Confetti: Poems for Children by Pat Mora	-The Way past Winter by Kiran Millwood Hargrave, -Norse myths: Tales of Odin, Thor and Loki by Kevin Crossley-Holland -Falling out of the sky: Poems about Myths and Monsters by Emma Wright and Rachel Piercey -The Vicious Vikings by Terry Deary		-Treasury of Greek Mythology: Classic Stories of Gods, Goddesses, Heroes & Monsters (Mythology) by National Geographic -Percy Jackson and the Lightning Thief by Rick Riordan -Falling out of the sky: Poems about Myths and Monsters by Emma Wright and Rachel Piercey -You Wouldn't Want to Be a Slave in Ancient Greece by Fiona MacDonald		-Cogheart by Peter Bunzl, age rating 10+, award winner. -Suffragette: The Battle for Equality by David Roberts Heritage week: Romeo and Juliet by Shakespeare. Suggested version: Romeo and Juliet by Dominique Marion (Story)
Mathematics	Place value; Addition and Subtraction	Multiplication and Division; Statistics; Perimeter and Area	Multiplication and Division; Fractions	Fractions; Decimals and Percentages	Shape; Position and Direction; Converting Units	Volume; Decimals
Science	Animals Including Humans Describe the changes as humans develop from birth to old age.	Earth and Space Describe the movement of the Earth, and other planets, relative to the Sun in the solar system Describe the movement of the Moon relative to the Earth Describe the Sun, Earth and Moon as approximately spherical bodies Use the idea of the Earth's rotation to	Properties and changes of materials Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets Understand that some materials will dissolve in liquid to form a solution, and describe	Living things and their habitats Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird Describe the life process of reproduction in some plants and animals	Properties and changes of materials Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic Demonstrate that dissolving, mixing and changes of state are reversible changes	Forces Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object Identify the effects of air resistance, water resistance and friction, that act between moving surfaces Recognise that some mechanisms, including levers, pulleys and

		explain day and night and the apparent movement of the Sun across the sky	how to recover a substance from a solution Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating		Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.	gears, allow a smaller force to have a greater effect
Geography /History	<p>Geography Desert Locations [North and South America, Australia, Africa, Antarctica] Desert Climates Locate and study the significance of the Arctic and Antarctic Circle and impact on the world. Build on Y3 and 4's knowledge of water, water cycle, climates and biomes to understand significance of Antarctica. Compare to other places in Europe or America. Desert Formations</p> <ul style="list-style-type: none"> • Desert Uses • Desert Dwellers • Desertification 	<p>Geography Study and compare Norway, Sweden, Finland, Denmark, Iceland and UK, environmental regions, key physical and human characteristics and major cities. Physical: Northern lights, short and long daylight/night times hours, the Prime/Greenwich Meridian and time zones, climate, tundra biomes, glaciers, fjords, volcanoes, Human: Contributions to the world such as distribution of fossil fuels and renewable energy, pros and con</p>	<p>History/Geography Begin to understand who the Vikings were and where they came from. If you were to invade Britain from Norway, where could be the best destination and route? Consider how these features may have led to a need for invasion. Viking Myths to weave into literacy</p> <p>History the Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor Viking raids and invasion resistance by Alfred the Great and</p>	<p>Geography Name and locate counties N, S, E of Kent, countries and cities of the UK and Europe Locate the world's countries and describe features using maps to focus on Europe. (direct, visualise and explain where these are) Greece and UK study - locate, understand and compare environmental regions, key physical and human characteristics, counties, countries and major cities. Mountains - how they are formed and locations in Greece and around the world. Their significance, climates, effect on plant and animal life at different altitudes and impact of tourism. Build on from Y3 "Natural Disasters" plate tectonics and volcanoes and Y4 "Scandinavia"</p>	<p>History A study of Greek life and achievements and their influence on the western world the legacy of Greek culture (art, architecture or literature) on later periods in British history, including the present day Theatre [antitheater, worship, chorus, mask, tragedy, comedy, The Globe Theatre, Shakespeare, present day] Olympics [worship, exclusive, modern day sport, inclusive] Democracy [Athens, only for</p>	<p>History A study of two significant changes in British history: The Industrial Revolution and Suffragettes Movement Build upon Y1 "Farming" & Y2 "Victorians" Positive and negative impact on rural and urban lives in the past to the modern day. Link back to climate, fossil fuels & renewable energy- "Deserts" "Scandinavia" Impact on inventions in Britain, including: first trains, underground, electricity, flushing toilets, cameras, telephones, bicycles and cars Social change in the later 1800s to 1900s:</p>

	Expedition map skills and orienteering	and significant industries such as Lego "House of the Brick" Build on map work from Term 1, to locate features. Apply to History context this term or start of T3	Athelstan, first king of England further Viking invasions and Danegeld Anglo-Saxon laws and justice Edward the Confessor and his death in 1066 -		free male citizens, democracy today] Compare life and achievements of Athens and Sparta city states [democracy, education, rights of woman, men, children 'citizen' and military] Battle of 100	Education act, votes for woman Focus on Suffragette movement and significance. Link back to Democracy from T5 "Ancient Greece" Impact on art: Romanticism (Turner), Realism (Gustave Courbet, Edouard Monet) Naïve (Lowry) and the deeper narratives these tell us today.
Art /Design and Technology	<p>Art</p> <p>Revisit art work by Monet and Turner, studied in Year 4 Use techniques to create contrasting desert storm scenes. Understand how cubist art work tried to create movement and to view objects from multiple angles - Pablo Picasso, Georges Braque Then rip or cut up their desert paintings into pieces and resemble to view the deserts from multiple angles at once or to create a sense of movement</p>	<p>DT</p> <p>Design and make cardboard model homes/cities for the new housing development in the local area Must have functional wind turbine, solar panel or other resources inspired by Scandinavian and UK use of renewable energy. Apply circuits and motors from Y4 DT Exploded diagrams understand how key events and individuals in design and technology have helped shape the world, regarding renewable energy & sustainability</p>		<p>Art/History</p> <ul style="list-style-type: none"> • a study of Greek beliefs, culture and their influence on the western world • Significance of Mount Olympus to Greek Mythology. • Read Greek Myths aloud to children every day focusing on the Gods and Heroes using drama techniques to bring the story to life, understand it and to build up performance confidence and skills [provide background knowledge of Greek beliefs, life and culture for T5] • Study how artists have been influenced by these myths and literature, such as Turner's 'Homer's Odyssey' (National Gallery) and comic book heroes. • Greek amphoras - how these depict Geek life and beliefs in the gods and heroes. • Make own amphora. Focus on clay work techniques [form and shape] then on arcuate and proportioned 	<ul style="list-style-type: none"> • xylophone, claves etc for repetition, drones, ostinato, dynamics and tempo within the structure of the event you are depicting e.g a battle 	<p>DT</p> <ul style="list-style-type: none"> • understand how key events and individuals in design and technology have helped shape the world • Pulleys [wells, elevators, exercise machines, construction, theatre systems, rock climbing] • Make Pulleys as construction equipment for building the 'new' factories of the Industrial Age or for economically friendly home of the future. {Winding Up D&T Class Kit} • Must be able to pull weights of up to...taller than...reach a depth of...

		<p>DT(cooking and nutrition)</p> <ul style="list-style-type: none"> • Prepare and measure ingredients for nutritious Scandinavian meals e.g. Meatballs • Control the heat of the hob and decide when to add ingredients at which time. • know where and how a variety of ingredients are grown, reared, caught and processed. • understand and apply the principles of a healthy and varied diet - herbs/spices to add nutrition and flavour rather than using salt. 		<p>drawings of the gods and heroes to be added to the vase, building on Y4's "Roman Britain" drawing knowledge.</p>		<ul style="list-style-type: none"> • understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages] • What other significant inventions/technology do you feel changed Britain the most, linking back from the "Stone Age to Iron Age", "Roman" and "Greek" topics? Understand how each development lead to another.
<p>Music</p>	<p>Keeping Healthy - Music Express [Beat] Perform a desert soundscape</p>	<p>The Solar System - Music Express [Listening]</p> <p>In the hall of the mountain king - Grieg (Ten pieces)</p>	<p>Vikings using word rhythms make Viking chants Celebration - Music Express [Performance]</p>	<p>http://www.musicalcontexts.co.uk/index_files/page0021.htm Ancient Greece music unit.</p>	<p>Lifecycles - Music Express [Structure] (Science)</p>	<p>Horn concerto No 4 - Mozart (Ten pieces) At the movies - Music Express [Composition]</p>
<p>Computing</p>	<p>Coding</p>	<p>Online Safety Databases</p>	<p>Spreadsheets</p>	<p>Game Creator</p>	<p>3d Modelling</p>	<p>Concept Maps + presenting information using Book Creator</p>

Spanish	Buildings on the high street Directions Asking where places are	Revision of days of the week Christmas song Comparing Spanish and English Christmas	Revision of sports/hobbies vocabulary	Revision of fruit Food items Breakfast	Revision of food items Revision of connectives	Breakfast Ingredients for a Spanish desert
PE	High 5 Netball Pass to team mates with accuracy	Football Move & stop ball with feet, shoot effectively	Hockey Stop the ball with stick, apply skills to a game	Cricket Develop ability to bowl, stop the ball and defend stumps	Basketball Develop skills of shooting and defending	Athletics Develop performance and challenge in Long jump, sprint, triple jump, throwing events (overarm)
	Health related exercise Knowledge of relationship of body and exercise to improve fitness	Gymnastics Create complex and well executed sequences	Dance Composing dance sequences	Parkour Precision jump onto small apparatus over a distance	OAA	Handball Utilise skills in competitive situation, as a team
PSHE	Fun, food and fitness: influences on fun, food and fitness	Keeping safe: out and about	Financial capability : value for money ?	Drug, alcohol and tobacco education: influences	Mental health: stereotypes, discrimination and prejudice	Citizenship: democracy
RE	GOD What does it mean if God is loving and holy?	INCARNATION Was Jesus the Messiah? <i>CORE LEARNING</i>	PEOPLE OF GOD How can following God bring freedom and justice?	SALVATION What did Jesus do to save human beings?	JUDAISM What does it mean to be Jewish in Britain today?	ISLAM What does it mean to be a Muslim in Britain today?