



# Curriculum Map 2017-2018: Year 4

## Autumn

	Main Topic (History)	Geography	D&T	Art	Computing	RE	Music	MFL
Year 4	<ul style="list-style-type: none"> <li>Learn about the Roman Empire and its impact on Britain.</li> <li>Anglo-Saxon invasions, settlements and kingdoms: place names and village life</li> <li>Anglo-Saxon art and culture</li> </ul>	<ul style="list-style-type: none"> <li>Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.</li> <li>Understand geographical similarities and differences through the study of human and physical geography of a region of the UK and a region in a European country.</li> <li>Locate the world's countries, using maps to focus on Europe (including the location of Russia) concentrating on their environmental regions, key physical and human characteristics, countries, and major cities.</li> </ul>	<ul style="list-style-type: none"> <li>Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.</li> <li>Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.</li> <li>Understand how key events and individuals in design and technology have helped shape the world.</li> </ul>	<ul style="list-style-type: none"> <li>Improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (e.g. pencil, charcoal, paint, clay).</li> <li>Use sketch books to record their observations and use them to review and revisit ideas.</li> <li>Find out about great artists, architects and designers in history.</li> </ul>	Unit 4.1: We are software developers. Unit 4.2: We are toy designers.	Festivals: How do Buddhists celebrate?  Christmas - What are the journeys associated with Christmas?	<ul style="list-style-type: none"> <li>Music: Roman music: Pan pipes - link with science: pitch</li> </ul>	Unit 5: Travel, weather

<p style="text-align: center;"><b>English (Brilliant Books):</b></p> <p><b>Roman Invasion: The Thieves of Ostia by Caroline Lawrence</b>  <b>Geography:</b> Location of The Roman Empire: <i>Geographical skills and fieldwork.</i>  <b>Music:</b> Roman music: Pan pipes - link with science: pitch  <b>Art:</b> Celtic art patterns</p> <p><b>Freedom for Bon: The Boy Who Saved a Kingdom by N.S. Blackman</b>  <b>D.T:</b> Celtic Round Houses  <b>Geography:</b> Location of the Anglo Saxons. <i>Where did they come from? Geographical skills and fieldwork.</i>  <b>Art:</b> Celtic art patterns</p>	<p style="text-align: center;"><b>Science:</b></p> <p><u><b>Working Scientifically</b></u></p> <ul style="list-style-type: none"> <li>• To be able to ask relevant questions</li> <li>• To use different scientific enquiry to answer them</li> <li>• To set up simple practical enquiries, comparative and fair tests</li> <li>• To make systematic and careful observations</li> <li>• To take accurate measurements using standard units</li> <li>• To gather, record, classify and present data in a variety of ways</li> <li>• To record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts and tables</li> </ul> <p><u><b>Sound</b></u></p> <ul style="list-style-type: none"> <li>• To identify how sounds are made, associating some of them with something vibrating</li> <li>• To recognise that vibrations from sounds travel through a medium to the ear</li> <li>• To find patterns between the pitch of a sound and features of the object that produced it</li> <li>• To find patterns between the volume of a sound and the strength of the vibrations that produced it</li> <li>• To recognise that sounds get fainter as the distance from the sound source increases.</li> </ul>
<p><u><b>Article/Value/PSHcE</b></u>  <b>Article :</b>13 and 31  <b>Value:</b> <i>Co-operation and Peace</i>  <b>British Value:</b> <i>Democracy and Charity</i>  <b>Keeping Safe:</b> <i>Halloween and Bonfire Night Safety.</i>  <i>Anti-bullying and Road Safety Week</i></p>	<p><u><b>Educational Visits</b></u>  Arbeia Roman fort and Museum, Northumberland</p>

## Spring

	Main Topic (Geography)	D&T	Art	Computing	RE	Music	MFL
Year 4 Mighty Mountains	<ul style="list-style-type: none"> <li>Use maps, atlases, globes and digital mapping to locate countries and describe features studied.</li> <li>Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the UK and the wider world.</li> <li>Describe and understand key aspects of physical geography, including: climate zones, biomes, mountains, volcanoes and earthquakes,</li> <li>Understand geographical similarities and differences through the study of human and physical geography of a region of the UK and a region within North America.</li> </ul>	<ul style="list-style-type: none"> <li>Evaluate their ideas and products against design criteria.</li> </ul>	<ul style="list-style-type: none"> <li>Improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (e.g. pencil, charcoal, paint, clay).</li> </ul>	<ul style="list-style-type: none"> <li>Unit 4.3: We are musicians.</li> <li>Unit 4.4: We are HTML editors.</li> </ul>	<p>Places of Worship: What is a church and why is it important?</p> <p>Festivals/Beliefs and Practices: Why is Easter important to Christians?</p>	<ul style="list-style-type: none"> <li>Improvise and compose music for a range of purposes using the interrelated dimensions of music.</li> </ul>	<p>Unit 6: expressing opinions about likes and dislikes</p> <p>Unit 7: Healthy foods and drinks</p>

<p><b>English (Brilliant Books):</b></p> <p style="background-color: yellow; color: red; padding: 5px;">This section will be completed when the Literacy Shed+ website become active for LKS2 and KS1</p>	<p><b>Science:</b></p> <p><u>States of Matter-</u></p> <ul style="list-style-type: none"> <li>To be able to compare and group materials according to whether they are solids, liquids or gases,</li> <li>to observe that some materials change when they are heated/cooled,</li> <li>to be able to measure or research temperature at which this happens,</li> <li>to be able to identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature</li> </ul> <p><u>Living things and their habitats</u></p> <ul style="list-style-type: none"> <li>To recognise that living things can be grouped in a variety of ways</li> <li>To explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment</li> <li>To recognise that environments can change and that this can sometimes pose dangers to living things.</li> </ul>
<p><u>Article/Value/PSHcE</u></p> <p><u>Article</u> : 27 and 7</p> <p><u>Value</u>: Love and Simplicity</p>	<p><u>Educational Visits</u></p> <p>Guisborough Walkway: Pincinthorpe</p>

**British Value:** My Money Week (saving)

**Keeping Safe:** Internet Safety

Heart Start

## Summer

	<b>Main Topic (Geography)</b>	<b>History</b>	<b>D&amp;T</b>	<b>Art</b>	<b>Computing</b>	<b>RE</b>	<b>Music</b>	<b>MFL</b>
<b>Year 4 Blue Abyss</b>	<ul style="list-style-type: none"> <li>Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night).</li> <li>Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.</li> <li>Describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.</li> </ul>	<ul style="list-style-type: none"> <li>Study an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066. - 1872 Royal Navy ship, <i>HMS Challenger</i></li> </ul>	<ul style="list-style-type: none"> <li>Understand how key events and individuals in design and technology have helped shape the world.</li> <li>Understand and use electrical systems in their products (e.g. series circuits incorporating switches, bulbs, buzzers and motors).</li> </ul>	<ul style="list-style-type: none"> <li>Use sketch books to record their observations and use them to review and revisit ideas.</li> <li>Improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (e.g. pencil, charcoal, paint, clay).</li> <li>Find out about great artists, architects and designers in history.</li> </ul>	<ul style="list-style-type: none"> <li>Unit 4.5: We are co-authors.</li> <li>Unit 4.6: We are meteorologists.</li> </ul>	Beliefs and Practices: What are the Five Pillars of Islam and why are they important?	<ul style="list-style-type: none"> <li></li> </ul>	<ul style="list-style-type: none"> <li>Unit 8: Responding to a story Description of animals</li> <li>Unit 9: Animals and their habitats</li> </ul>

**English (Brilliant Books):**

**This section will be completed when the Literacy Shed+ website become active for LKS2 and KS1**

**Science:**

**Animals Including Humans**

- To describe the simple functions of the basic parts of the digestive system in humans identify the different types of teeth in humans and their simple functions
- To construct and interpret a variety of food chains, identifying producers, predators and prey.

**Electricity-**

- To be able to identify common appliances that run on electricity,
- to construct a simple series electrical circuit,
- to identify and name parts ( cells, wires, bulbs, switches, buzzers)
- To identify whether a lamp will light or not in a simple circuit based on whether or not the lamp is part of a complete loop with battery,
- to recognise that a switch opens and closes a circuit,
- to recognise common conductors and insulators, and associate metals with being good conductors.

**Article/Value/PSHcE**

**Article** : 16 and 24

**Value:** Honesty and Courage

**British Value:** Tolerance and Respect

**Keeping Safe:** SRE and Food Safety

**Educational Visits**

Blue Reef Aquarium Tynemouth