Curriculum Map 2018-2019: Year 4

Autumn

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|  | **Main Topic (History)** | **Geography** | **D&T** | **Art**  | **Computing** | **RE** | **Music** | **MFL** |
| **Year 4 I am Warrior! Traders and Raiders.** | Learn about the Roman Empire and its impact on Britain.Anglo-Saxon invasions, settlements and kingdoms: place names and village lifeAnglo-Saxon art and culture | * Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.
* 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.
* 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.
 | * 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.
* Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.
* Understand how key events and individuals in design and technology have helped shape the world.
 | * Improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (e.g. pencil, charcoal, paint, clay).
* Use sketch books to record their observations and use them to review and revisit ideas.
* Find out about great artists, architects and designers in history.
 | 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? | Roman music: Pan Pipes – link with Science: Pitch.Appreciate and understand a wide range of high -quality live and recorded music drawn from different traditions and from great composers and musicians. | Unit 5: Travel, Weather. |

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| **English (Brilliant Books):****Roman Invasion: The Thieves of Ostia by Caroline Lawrence****Geography**: Location of The Roman Empire: Geographical skills and fieldwork.**Music:** Roman music: Pan pipes – link with science: pitch**Art**: Celtic art patterns**Freedom for Bon: The Boy Who Saved a Kingdom by N.S. Blackman****D.T**: Celtic Round Houses**Geography**: Location of the Anglo Saxons. Where did they come from? Geographical skills and fieldwork.**Art**: Celtic art patterns | **Science:****Working Scientifically*** To be able to ask relevant questions
* To use different scientific enquiry to answer them
* To set up simple practical enquiries, comparative and fair tests
* To make systematic and careful observations
* To take accurate measurements using standard units
* To gather, record, classify and present data in a variety of ways
* To record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts and tables

**Sound*** To identify how sounds are made, associating some of them with something vibrating
* To recognise that vibrations from sounds travel through a medium to the ear
* To find patterns between the pitch of a sound and features of the object that produced it
* To find patterns between the volume of a sound and the strength of the vibrations that produced it
* To recognise that sounds get fainter as the distance from the sound source increases.
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| Article/Value/PSHcEArticle : Value: British Value: Democracy and CharityKeeping Safe: Halloween and Bonfire Night Safety. Anti-bullying and Road Safety Week | **Educational Visits**Segedunum Roman Fort  |

Spring

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|  | **Geography** | **History** | **D&T** | **Art**  | **Computing** | **RE** | **Music** | **MFL** |
| **Year 4 Burps, Bottoms and Bile** |  | * Conduct a local history study.

The history of the River Tees | * Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.
* Understand and apply the principles of a healthy and varied diet.
* Select from and use a wider range of tools and equipment to perform practical tasks accurately.
* 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.
 | * Improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (e.g. pencil, charcoal, paint, clay).
 | * Unit 4.3: We are musicians.
* Unit 4.4: We are HTML editors.
 | Places of Worship:What is a church and why is it important?Festivals/Beliefs and Practices:Why is Easter important to Christians? | * Improvise and compose music for a range of purposes using the interrelated dimensions of music.
 | Unit 6: expressing opinions about likes and dislikes Unit 7: Healthy foods and drinks |

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| **English (Brilliant Books):**Demon Dentist (David Walliams) | **Science:****States of Matter**- * To be able to compare and group materials according to whether they are solids, liquids or gases,
* to observe that some materials change when they are heated/cooled,
* to be able to measure or research temperature at which this happens,
* to be able to identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature

**Living things and their habitats*** To recognise that living things can be grouped in a variety of ways
* To explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
* To recognise that environments can change and that this can sometimes pose dangers to living things.
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| Article/Value/PSHcEArticle : Value: British Value: My Money Week (saving)Keeping Safe: Internet Safety  | **Educational Visits**Guisborough Walkway: Pincinthorpe |

Summer

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|  | **Main Topic (Geography)** | **History** | **D&T** | **Art**  | **Computing** | **RE** | **Music** | **MFL** |
| **Year 4 Blue Abyss**  | * Identify the position and significance of latitude, longitude, Equator, N Hemisphere, S Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Greenwich Meridian and time zones.
* Use maps, atlases, globes and computer mapping to locate countries and describe features studied.
* Describe and understand key aspects of human geography, including: the distribution of natural resources including energy, food, minerals and water.
 | * Study an aspect or theme in British history that extends pupils’ chronological knowledge beyond 1066. –

1872 Royal Navy ship, HMS *Challenger* | * Understand how key events and individuals in design and technology have helped shape the world.
* Understand and use electrical systems in their products (e.g. series circuits incorporating switches, bulbs, buzzers and motors).
 | * Use sketch books to record their observations and use them to review and revisit ideas.
* Improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (e.g. pencil, charcoal, paint, clay).
* Find out about great artists, architects and designers in history.
 | * Unit 4.5: We are co-authors**.**
* Unit 4.6: We are meteorologists.
 | Beliefs and Practices:What are the Five Pillars of Islam and why are they important? | * Using a range of musical instruments: compose a piece of music which sounds like the sea.
 | * Unit 8:

Responding to a storyDescription of animals* Unit 9:

Animals and their habitats |

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| **English (Brilliant Books):**English: The Legend of Captain Crow’s Teeth by Eoin ColferGeography: Oceans of the world.Art: Oil pastel ocean paintings. History: The real pirates. Where did they come from? Why were they pirates? Reality behind the fiction.Computing: Research real famous pirates from the past. Design a wanted poster for a pirate. Music: Using a range of musical instruments: compose a piece of music which sounds like the sea. D&T: Design a craft that will float. | **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.
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| Article/Value/PSHcEArticle : Value: British Value: Tolerance and RespectKeeping Safe: SRE and Food Safety | **Educational Visits**Blue Reef Aquarium Tynemouth/HullSaltburn |