



Curriculum Map 2016-2017: Year 5

Autumn

	Main Topic (History)	Geography	D&T	Art	Computing	RE	Music	MFL
Year 5 - Pharaohs	<ul style="list-style-type: none"> Learn about the achievements of the earliest civilizations - an overview of where and when the first civilizations appeared and a depth study of Ancient Egypt. 	<ul style="list-style-type: none"> Locate the world's countries, using maps to focus on Europe, concentrating on its environmental regions, key physical and human characteristics, countries, and major cities. 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. 	<ul style="list-style-type: none"> Select from and use a wider range of tools and equipment to perform practical tasks (e.g. cutting, shaping, joining and finishing), accurately. Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed. 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. 	<ul style="list-style-type: none"> 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. 	<p>5.2 We are Cryptographers Cracking codes</p> <p>5.6 We are architects Creating a virtual space</p>	<p>Places of Worship: Sikhism: What is a Gurdwara and why is it important?</p> <p>Festivals/Beliefs and Practices: Why do Christians think about others at Christmas?</p>	<p>Samba and Technology Music enrichment Inspire to learn Monday 9th October 2017</p>	<ul style="list-style-type: none"> Unit 10 En route pour l'école On the way to school Unit 11 Bon appétit

<p style="text-align: center;">English (Brilliant Books):</p> <p>Key text: Rooftoppers</p> <p>English-drama, character description, create a setting</p> <p>Art-Victorian homes</p> <p>DT-look at structures of Victorian homes. Design and make their own house.</p> <p>PSCHE- Friendship</p> <p>Citizenship - liberties, human rights (including the convention on the rights of children), laws and the justice system.</p> <p>Music - music over a range of periods, including great composers; understanding tempo and pitch.</p> <p>History - its setting in Victorian/Edwardian Britain and links with the welfare and views of women.</p>	<p style="text-align: center;">Science:</p> <p><u>Working Scientifically</u></p> <ul style="list-style-type: none"> • To be able to plan different types of enquiries to answer questions, including recognising and controlling variables where necessary, • To be able to take measurements, using a range of equipment, with increasing accuracy and precision, to take repeat readings if appropriate, • To record data and results of increasing complexity, • To use scientific diagrams, labels, classification keys, tables, scatter graphs, bar and line graphs, • To use test results to make predictions to set up further comparative and fair tests, • To report and present findings from enquiries, including conclusions, casual relationships and explanations of and degree of trust in results, in oral and written form, • To identify scientific evidence that has been used to support or refute ideas or arguments. <p><u>Animals including humans</u></p> <ul style="list-style-type: none"> • describe the changes as humans develop to old age. <p><u>Forces</u></p> <ul style="list-style-type: none"> • To be able to explain that unsupported objects fall towards earth because of force of gravity acting between the Earth and falling object, • to be able to identify the effects of air resistance, water resistance and friction that act between moving surfaces, <p>to recognise that some mechanisms (levers, pulleys, gears) allow a small force to have a greater effect</p>
<p><u>Article/Value/PSHcE</u></p> <p><u>Article</u> :13 and 31</p> <p><u>Value:</u> Co-operation and Peace</p> <p><u>British Value:</u> Democracy and Charity</p> <p><u>Keeping Safe:</u> Halloween and Bonfire Night Safety. Anti-bullying and Road Safety Week 1st Aid training</p>	<p>Educational Visits</p>

Spring

	History	(Main Topic) Geography	D&T	Art	Computing	RE	Music	MFL
Year 5 - Alchemy Island	•	<ul style="list-style-type: none"> Describe and understand key aspects of: physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle. 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. Describe and understand key aspects of physical geography, including: vegetation belts and rivers. 	<ul style="list-style-type: none"> Understand and use electrical systems in their products (e.g. series circuits incorporating switches, bulbs, buzzers and motors). 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. 	•	<p>5.4 We are web developers Creating a website about cyber safety</p> <p>5.1 We are game developers Developing an interactive game</p>	<p>Beliefs and Practices: What food, drink and leisure are important in Islam and why?</p> <p>Festivals/Beliefs and Practices: How do betrayal and loyalty feature in the Easter Story?</p>	<ul style="list-style-type: none"> Improvise and compose music for a range of purposes using the interrelated dimensions of music. Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression. Listen with attention to detail and recall sounds with increasing aural memory. Use and understand staff and other musical notations. 	<p>Unit 12 The planets</p> <p>Unit 13 The Four Seasons</p>

English (Brilliant Books):

The land of Never believe (Norman Messenger)

Science:

Properties and changes of materials

<p>English- Letter writing, persuasive writing, story writing (mystery), make posters Art-create their own creature/treasure maps Geography- maps/atlases PSCH-consider feelings and emotions</p>	<ul style="list-style-type: none"> • 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 • know that some materials will dissolve in liquid to form a solution, and describe 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 • 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 • 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. <p><u>Electricity</u></p> <ul style="list-style-type: none"> • associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit • compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches • use recognised symbols when representing a simple circuit in a diagram.
<p><u>Article/Value/PSHcE</u> <u>Article</u> : 27 and 7 <u>Value</u>: Love and Simplicity <u>British Value</u>: My Money Week (saving) <u>Keeping Safe</u>: Internet Safety Heart Start</p>	<p>Educational Visits</p>

Summer

	Main Topic (History)	Geography	D&T	Art	Computing	RE	Music	MFL
Year 5 - Revolution	<ul style="list-style-type: none"> Study an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066. <p>Victorians</p>	<ul style="list-style-type: none"> Name and locate counties and cities of the UK, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time. Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. 	<ul style="list-style-type: none"> Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities. Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design. 	<ul style="list-style-type: none"> Find out about great artists, architects and designers in history. Improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [e.g. pencil, charcoal, paint, clay]. 	<p>5.3 We are artists Fusing geometry and art</p> <p>5.5 We are bloggers Sharing experiences and opinions</p>	<p>Worship in practice: How do people express their faith in everyday life?</p> <p>Thematic compare and contrast Christianity, Islam and one other.</p>	<ul style="list-style-type: none"> Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians. 	Unit 14 Beach scene

<p style="text-align: center;">English (Brilliant Books): Key Book: Street child</p> <p>English-letter writing, drama, character description Art-Victorian observational drawings using charcoals Geography-map reading History-Victorians and how they lived</p>	<p style="text-align: center;">Science:</p> <p><u>Living things and their habitats</u></p> <ul style="list-style-type: none"> • 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.
<p><u>Article/Value/PSHcE</u> Article : 16 and 24 Value: Honesty and Courage British Value: Tolerance and Respect Keeping Safe: SRE and Food Safety</p>	<p><u>Educational Visits</u> Preston Park</p>