

Curriculum Map 2  
5 and 6

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
	Space		Victorians		Rainforests	
	Science Focused Topic		History Focused Topic		Geography Focused Topic	
English	Georges Secret Key to the universe	War of the Worlds	Street Child	Oliver Twist	Running Wild	Summer Production
	Mission to the Moon 4 operation problem solving Distances and large numbers Angles Temperature of planets		Factory creation Money, wages		Deforestation - Charity Project Budgeting Area and perimeter	
Maths	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 explain day and night and the apparent movement of the sun across the sky.		Electricity 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.		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.  describe the changes as humans develop to old age.	
	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 gears, allow a smaller force to have a greater effect.				describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro- organisms, plants and animals □  given reasons for classifying plants and animals based on specific characteristics.	
Science						

ICT

Programming forms/languages

Digital media Graphics

E-Safety E-Safety Online Research

Multimedia and Word processing

Data Graphing

Communication and Collaboration

History

Moon Landings  
Tim Peake's expedition

understand the methods of historical enquiry, including how evidence is used rigorously to make historical claims, and discern how and why contrasting arguments and interpretations of the past have been constructed

a local history study - Mills Yeadon in Victorian times

know and understand the history of these islands as a coherent, chronological narrative, from the earliest times to the present day: how people's lives have shaped this nation and how Britain has influenced and been influenced by the wider world

the expansion and dissolution of empires;  
gain and deploy a historically grounded understanding of abstract terms such as 'empire', 'civilisation', 'parliament' and 'peasantry'

understand historical concepts such as continuity and change, cause and consequence, similarity, difference and significance, and use them to make connections, draw contrasts, analyse trends, frame historically-valid questions and create their own structured accounts, including written narratives and analyses

a significant turning point in British history,  
the changing power of monarchs using case studies such as John, Anne and Victoria

know and understand significant aspects of the history of the wider world: the nature of ancient civilisations; the expansion and dissolution of empires; characteristic features of past non-European societies; achievements and follies of mankind

AD 900; Mayan civilization

Prime/Greenwich Meridian and time zones (including day and night)

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 United Kingdom and the wider world

locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities  
Victorians

locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities

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)

understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America

physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle

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

Pupils should be taught:

- to create sketch books to record their observations and use them to review and revisit ideas
- to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]
- about great artists, architects and designers in history.

<p>Marbling/ silhouette</p> <p>Space/Solar System pictures</p>	<p>Pastels / watercolours</p> <p>Van Gogh</p> <p>Photography (geography link)</p>	<p>Sketching</p> <p>Lowry/portraits</p>	<p>Printing/fabrics William Morris/</p>	<p>Outdoor Art</p> <p>Henri Rousseau</p>	<p>Clay Mayan Tribal</p>
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**Design**

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

generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design

**Make**

select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately

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

**Evaluate**

investigate and analyse a range of existing products

evaluate their ideas and products against their own design criteria and consider the views of others to improve their work

understand how key events and individuals in design and technology have helped shape the world

**Technical knowledge**

apply their understanding of how to strengthen, stiffen and reinforce more complex structures

understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]

understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]

apply their understanding of computing to program, monitor and control their products

## Trebuchets

apply their understanding of computing to program, monitor and control their products.

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

investigate and analyse a range of existing products  
evaluate their ideas and products against their own design criteria and consider the views of others to improve their work

apply their understanding of how to strengthen, stiffen and reinforce more complex structures

## Victorian Cooking

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

investigate and analyse a range of existing products

select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately

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

understand and apply the principles of a healthy and varied diet

prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques

## Victorian Theatre

generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design

understand and use electrical systems in their products, eg bulbs circuits

evaluate their ideas and products against their own design criteria and consider the views of others to improve their work

understand how key events and individuals in design and technology have helped shape the world

## Musical instruments

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

generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design

select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately

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

investigate and analyse a range of existing products  
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understand how key events and individuals in design and technology have helped shape the world

apply their understanding of how to strengthen, stiffen and reinforce more complex structures

<b>Opening / Celebration Event</b>	Curry		Hotch Patch Victoria Sponge		Black Bean and Chimichurri Salad	
	Investigate the beliefs and practices of religions and other world views <b>Beliefs</b> and authority Worship and spirituality		Investigate how religions and other world views address questions of meaning, purpose and value  The nature of religion and belief Ultimate questions		Investigate how religions and other world views influence morality, identity and diversity  Identity and diversity Moral decisions	
	Year 5 Physical health and well-being in the media.	Identity, society and equality	Keeping safe and managing risk	Mental Health and emotional well-being	Drug, alcohol and tobacco education SRE	Careers, financial capability and economic wellbeing
	Year 6 Identity, society and equality	Mental health and emotional well-being	Keeping safe and managing risk	Drug, alcohol and tobacco education	SRE	SRE
	Handball	Paralympic Sport Sitting Volleyball	Circuit Training	Netball	Athletics	Rounders
	Football	Dance	OAA/Archery	Gymnastics Group Sequences	Target Games Golf/boules	Cricket
	Year 5 <b>Outer Space Composition</b> Listen to how pitched sounds can be combined to create mood. Explore different textures using tuned instruments Create different sound effects using combinations of pitched sounds Select and combine sounds to compose a soundscape Garage Band		Songwriter Understand how lyrics convey a mood or tell a story and create their own lyrics Identify song structures Understand the purpose of structure and repetition in song Compose compositions using Garage Band		World instruments Listen to music from Indonesia Sing songs expressively Identify rhythmic patterns, instruments and repetitions Keep a steady pulse and improvise rhythmic patterns Create and develop ideas and make improvements to their work	
	Year 6 <b>Electronic Sound</b> To experiment with electronic sounds. Record voices and use IT to change them. Use electronic instruments (sounds) to compose own pieces. Listen to a variety of electronic music and discuss Creating chords		Composition Revise stave – Crotchet, quaver, rest semiquavers Simple stave – full octave More complex rhythm patterns Garage Band		World Music Listen to music from Indonesia Sing songs expressively Identify rhythmic patterns, instruments and repetitions Keep a steady pulse and improvise rhythmic patterns Create and develop ideas and make improvements to their work	
	Astronaut Training	Space Dome	Day in the life of Victorian Britain	Oliver/Street child Drama Performance	Deforestation task	Around the world celebration.

RE

PHSCE

PE

Spanish

Music

<i>Outdoor Learning</i>  <i>Trips and Visitors</i>	Geography Compass skills	Star gazing	Photography		Outdoor Art
	Chevin/ Nunroyd Park	Space dome	Victorian Classroom	Local walk	Tropical World/ Roundhay Park