

**YEAR 5 CURRICULUM MAP**

		<b>Autumn</b>		<b>Spring</b>	<b>Summer</b>	
<b>Theme</b>		History of Space Travel	Cities of the World	Ancient Civilizations - Shang Dynasty	Earth Matters	
<b>Reading</b>	Word Reading	NC Appendix 1 (NC p43)				
	Comprehension	Texts include: wide range of fiction (including fairy stories, myths and legends, modern fiction, fiction from our literacy heritage and books from other cultures and traditions), poetry, plays, non fiction texts and reference books/ text books (NC p43)				
		Fiction <ul style="list-style-type: none"> <li>Horror/ mystery</li> <li>Stories from Shakespeare</li> <li>Classics from our literary heritage</li> <li>Plays and play-scripts</li> <li>Stories from different cultures</li> </ul> Writing at length, sustaining the form, building in techniques to capture and maintain reader interest, using vocab, sentence structure and punctuation for effect and impact.		Non Fiction <ul style="list-style-type: none"> <li>Balanced argument</li> <li>Explanations</li> <li>Newspaper reports</li> <li>Persuasive writing</li> </ul> Maintaining form and formality of language appropriate to task Organising ideas and paragraphing appropriately Use of appropriate vocabulary	Poetry <ul style="list-style-type: none"> <li>Range of poetry both modern and classic - raps, slam poems, narrative poems, descriptive poems, haiku, Tanka etc...</li> </ul> Investigating style and form, use of similes and metaphor, personification, colloquialisms Poet study	
<b>Writing</b>	Transcription	Spelling programme ( NC Appendix 1)				
	Composition	Writing focusing on audience, purpose and form (NC p47/48)				
	VGP	NC Appendix 2				
<b>Maths</b>	Number and Place Value, Addition and Subtraction, Multiplication and Division, Fractions (decimals and percentages), Measures, Geometry: properties of shape, Geometry: position, direction and motion, Statistics					
<b>Science</b>	<b>Forces and Motion</b>	<b>Properties and changes of materials</b>		<b>Animals including humans</b> Keeping Healthy Heart health; effects of tobacco and drugs; effects of exercise on body	<b>Living things and their habitats</b> Green Plants & Reproduction (Life Cycles) Nutrition, Growth, Reproduction. Parts of a plant-germination	<b>Earth and Beyond.</b>
<b>Computing</b>	<b>Computer Science</b> - use logical reasoning to explain how some simple algorithms work <b>IT</b> - select, use and combine software on a range of digital devices - <b>Digital Literacy</b> - appreciate how search results are ranked			<b>Computer Science</b> - solve problems by decomposing them into smaller parts, use selection. Use logical reasoning to detect and correct errors in algorithms <b>IT</b> - use and combine software <b>Digital Literacy</b> - be discerning in evaluating digital content and conditions	<b>Computer Science</b> -work with variables <b>IT</b> - combine a variety of software to accomplish given goals, analyse and evaluate data, design system <b>Digital Literacy</b> - understand the opportunities computer networks offer for collaboration	
<b>History</b>	The study of a non-European society that provides contrast with British history - Ancient Civilizations - Shang Dynasty, and the achievements of this civilization. The study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066 - focus on the history of space travel and the significance on British and world history. Understand that the past is represented and interpreted in different ways and give reasons for this. Begin to offer explanations about why people in the past acted as they did and use a greater depth of historical knowledge. Show understanding of some of the similarities and differences between different periods, e.g. social, belief, local, individual					
<b>Geography</b>	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.		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. Comparison and links to the UK.		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) - links to <b>Cities of the World.</b>  Physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.	
<b>D.T.</b>	<b>Mechanism</b> - Research, develop and make a space buggy. Ensure it is fit for purpose e.g. terrain		<b>Cooking and nutrition</b> Chinese cookery/diet/nutrition. Understand the principles of a healthy diet.		<b>Structure</b> - compare how structures can withstand earthquakes.	

<b>Art and DesChafraign</b>	<b>Painting &amp; Printing</b> - Peter Thorpe - space rocket art work. Learn about his work technique and methods. Screen print/chalk/paint Evaluate and analyse work.		<b>Textiles &amp; Collage:</b> Mosaic patterns - relate to decoration of Shang bronzes. Research and design a costume for Chinese New Year.		<b>Printing</b> - fossils <b>Drawing</b> - observational drawings and develop section details.	
<b>PE</b>	Games Calling the Shots QCA  Gymnastics Acrobatic Gymnasti QCA	Games Fives and Threes Durham Dance	Dance What's So Funny? Durham  Gymnastics Assessing Level 3 / Unit 5 Tasks 1 and 2 Durham	Games Runners Durham  Gymnastics	Games What a Racket! Durham Athletics 3 Jump Challenge QCA	Dance OAA Crystal Star Challenge QCA
<b>Music</b>	Charanga Units					
<b>MFL</b>	<b>On our way to School (QCA Unit 15)</b> Counting up to 100 Reinforce transport Giving directions How to spell - the alphabet		<b>The Planets (QCA Unit 18)</b> Reinforce alphabet Describing colour/size and temperature Describing position Using intensifiers for opinions Giving reasons for opinions		<b>Beach Scene (QCA Unit 16)</b> Reinforce describing colour and size Compare colours and sizes Describing what people are doing using the 3rd person of the present tense	
<b>R.E.</b>	<b>What do Sikhs believe and how are these beliefs expressed?</b>  <b>What are the themes of Christmas?</b>		<b>What do we know about the Bible and why is it important to Christians?</b>  <b>Why is the Last Supper so important to Christians?</b>		<b>What can we learn about Christian faith through studying the lives of northern saints?</b>  <b>Why should people with religious faith care about the environment?</b>	
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<b>School Curriculum</b>	Enterprise school Christmas Fair. Community- Caring for others, social responsibility, Macmillan coffee afternoon, Jeans for Genes, Children in Need, Shoe Box appeal. School opening. Cultural Diversity: immigration - pioneers from past and present. British values- Remembrance Spiritual and moral- Christmas. Involvement: working in secondary schools.		Science Week World Book Day Community- caring for others, social responsibility- promoting good manners and positivity: Comic Relief, Safer Internet Day, Bikeability training. Spiritual and Moral- Easter. Involvement- secondary liaison, inter and intra school sporting events, school council, after school clubs.		Arts Week Enterprise- My Money Week, school summer fair. Community - caring for others, social responsibility- promoting good manners and positivity- Cathedral Leaver's event and performance. British values Involvement: secondary transfer, sporting events, after school clubs, Intergenerational Event.	
<b>Computing</b>	<b>Computer Science</b> - Use logical reasoning to explain how some simple algorithms work. Use Flowol or Go to control an on-screen simulation. Using a control box use this to control their DT Moonbuggy Model  <b>IT</b> - Select, use and combine software on a range of digital devices - Produce a storyboard and animation about the solar system. Evaluate. Use Video software (Photostory, imovie etc) to create a short documentary about the 1969 Moon Landings  <b>Digital Literacy</b> - SWGFL - Digital Citizenship Pledge (Start of year - online rules) , You've Won a Prize <b>Appreciate how search results are ranked</b> Use the TASK test so that children search for a website a planet , and can explain why they have chosen it. (Title, Author, Summary, (K)Child Friendly) SWGFL How to Cite a		<b>Computer Science</b> - Solve problems by decomposing them into smaller parts, Use selection. Use logical reasoning to detect and correct errors in algorithms. Create simple repeating pattern (spirograph) by using nested loops (Scratch Logo/Textease turtle), Solve problems by using loops e.g. Cargobot App, create game using loops e.g. whack a witch. Use the "Peter Packet" activity to start to understand how data flows around the world. (warning - includes reference to AIDS)  <b>IT</b> - Use and combine software Use GPS/QR codes to plot a journey around the school site to make, then follow a maths trail. Search a database (eg national rail) to plan a journey  <b>Digital Literacy</b> - Be discerning in evaluating digital content and conditions. SWGFL strong Passwords.		<b>Computer Science</b> - <b>Work with variables</b> Create a simple game in Kodu with a basic scoring system <b>IT</b> - <b>Combine a variety of software to accomplish given goals, I analyse and evaluate data, design system.</b> Create and use spreadsheet to calculate food miles for a meal. Create a poster/website to advertise their athlete's meal along with explanatory text. Use image editing software to enhance their pictures. <b>Digital Literacy</b> - SWGFL - Picture perfect - linked to enhancing pictures of food. <b>Understand the opportunities computer networks offer for collaboration</b> Create class wiki or blog explaining the design of their healthy meal	

	Site. Use this to produce an information sheet about the planet	Work with a class from another area of the world to produce a blog on their school day. Use Skype to discuss progress	
<b>Opportunities for enrichment</b>	Visit to Synagogue Visit to Laing Art Gallery	Visit to Oriental Museum	Visit planetarium at Centre for Life