

YEAR 5 CURRICULUM MAP

	Autumn		Spring		Summer	
Topic	Our Planet		How vicious were the Victorians?		Faraway Places	
Science	Earth & Beyond Spherical; position of sun; shadows, night and day; spin of earth, orbit of moon/ earth.	Properties and changes of materials	Forces and Motion		Living things and their habitats Green Plants & Reproduction (Life Cycles) Nutrition, Growth, Reproduction. Parts of a plant-germination	Animals including humans Keeping Healthy Heart health; effects of tobacco and drugs; effects of exercise on body
Computing	Computer Science - use logical reasoning to explain how some simple algorithms work IT - select, use and combine software on a range of digital devices - Digital Literacy - appreciate how search results are ranked		Computer Science - solve problems by decomposing them into smaller parts, use selection. Use logical reasoning to detect and correct errors in algorithms IT - use and combine software Digital Literacy - be discerning in evaluating digital content and conditions		Computer Science -work with variables IT - combine a variety of software to accomplish given goals, analyse and evaluate data, design system Digital Literacy - understand the opportunities computer networks offer for collaboration	
History			Viking and Anglo Saxon struggles for power - How vicious were the Vikings?		Non-European Society (e.g. Maya) - Who was making history in faraway places?	
Geography	Locational Knowledge - position and significance of lines of longitude and latitude and time zones		Locational Knowledge - locate world countries		Human and physical geography - trade links, natural resources including energy, food, minerals & water	
D.T.	Electric control - make an electrically controlled moon buggy		Textiles - investigate and make an item of Viking clothing or design a Viking tapestry		Cooking and nutrition - Mexican food	
Art and Design	Painting & Printing Work in stages using different materials for different effects; mixing colours; complimentary colours- warm and cool; emotional impact Repeating pattern with printing blocks. Space related		Sculpture Working independently and collaboratively on different scales- Viking helmet		Drawing and Collage Proportion; shape, colour & tone. Observational drawing-line tone texture; views from different perspectives; viewing frames Artists- Arcimboldo	
PE	Games Calling the Shots QCA Gymnastics Acrobatic Gymnastics 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
Music	Ensemble percussion: rhythms combined/structured using plant/space words, Holst Planet Suite to listen to and appraise Descriptive percussion ensemble: improvisation - compositions: space music sequences - recorded using graphic score		African drumming, songs/dances world music Tuned instruments - oriental effects - using notated rhythms -create ideas using pentatonic scales		Samba band / street music, ensemble structures, carnival Jazz and blues: tuned instrument ensembles - improvisations - compositions/structures using jazz scales	
MFL	On our way to School (QCA Unit 15) <i>Counting up to 100</i> <i>Reinforce transport</i> <i>Giving directions</i> <i>How to spell - the alphabet</i>		The Planets (QCA Unit 18) <i>Reinforce alphabet</i> <i>Describing colour/size and temperature</i> <i>Describing position</i> <i>Using intensifiers for opinions</i> <i>Giving reasons for opinions</i>		Beach Scene (QCA Unit 16) <i>Reinforce describing colour and size</i> <i>Compare colours and sizes</i> <i>Describing what people are doing using the 3rd person of the present tense</i>	
R.E.	What do Sikhs believe and how are these beliefs expressed? What are the themes of Christmas?		What do we know about the Bible and why is it important to Christians? Why is the Last Supper so important to Christians?		What can we learn about Christian faith through studying the lives of northern saints? Why should people with religious faith care about the environment?	
MFL	On our way to School (QCA Unit 15)		The Planets (QCA Unit 18)		Beach Scene (QCA Unit 16)	

	Counting up to 100 Reinforce transport Giving directions How to spell - the alphabet	Reinforce alphabet Describing colour/size and temperature Describing position Using intensifiers for opinions Giving reasons for opinions	<i>Reinforce describing colour and size</i> Compare colours and sizes Describing what people are doing using the 3rd person of the present tense
School Curriculum	WW1 and our local area Learning Outdoors		
Computing	<p>Computer Science - 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</p> <p>IT - 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</p> <p>Digital Literacy - SWGFL – Digital Citizenship Pledge (Start of year – online rules) , You’ve Won a Prize Appreciate how search results are ranked 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 Site. Use this to produce an information sheet about the planet</p>	<p>Computer Science - 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)</p> <p>IT - 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</p> <p>Digital Literacy - Be discerning in evaluating digital content and conditions. SWGFL strong Passwords. Work with a class from another area of the world to produce a blog on their school day. Use Skype to discuss progress</p>	<p>Computer Science - Work with variables Create a simple game in Kodu with a basic scoring system</p> <p>IT - Combine a variety of software to accomplish given goals, I analyse and evaluate data, design system. Create and use spreadsheet to calculate food miles for a meal. Create a poster/website to advertise their athletes meal along with explanatory text. Use image editing software to enhance their pictures.</p> <p>Digital Literacy - SWGFL – Picture perfect – linked to enhancing pictures of food.</p> <p>Understand the opportunities computer networks offer for collaboration Create class wiki or blog explaining the design of their healthy meal</p>