



# Year 5 Curriculum Map

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
<b>English</b>	Descriptive writing Profile Writing Poetry-Cinquains Journalistic writing  <u>Grammar and Punctuation</u> Capital letters, full stops, expanded noun phrases, modal verbs, homophones, relative clauses, fronted adverbials, prepositional phrases, determiners, inverted commas, contractions, word families, direct speech punctuation,		Recount writing Formal letter of complaint Poetry-Benjamin Zepheniah Discussion and debate  <u>Grammar and Punctuation</u> higher level conjunctions, parenthesis, brackets, commas to clarify meaning, commas after subordinate clauses, hyphens, split speech punctuation, adjectives and verbs, apostrophes for possession, hyphens		Persuasive Letter Writing Non-chronological reports (Earth and Space) Travel Guide Historical Fiction Recount Narrative Story  <u>Grammar and Punctuation</u> Homophones, paragraphs, apostrophes, question marks, re-visiting commas.	
<b>Reading</b>	<u>The Emergency Zoo</u> Retrieve and record information, inference and deduction, explaining the meaning of words in context.		<u>The Boy at the Back of the Class</u> Explaining meaning through choice of words and phrases, retrieve and record information, justify inferences with evidence from the text, character study.		<u>Usbourne First Encyclopaedia of Space (non-fiction)</u> Summarize main ideas from a text, retrieve and record information, explain the meaning of words in context.  <u>Rooftoppers</u>	
<b>Educational Visits and in-school visitors</b>	WW2 Immersion Day in school		Nell Bank River Study Bridge workshop	Northern Ballet Workshop	Bradford Media Museum Earth and Space	Steel Pans



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<b>Science</b>	<p><u>Living things and their habitats</u> Life cycles of a mammal, amphibian, insect and bird Describe the life process of reproduction in some plants and animals.</p>	<p><u>Forces</u> Gravity, air resistance, water resistance, friction and mechanisms including leavers, pulleys and gears.</p>	<p><u>Changes of materials</u> I can describe how to recover a substance from a solution; demonstrate that dissolving, mixing and changes of state are reversible changes; and finally, they learn how to 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>	<p><u>Properties of materials</u> I can compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity and response to magnets. Use knowledge of solids, liquids and gases to decide how mixtures might be separated. Give reasons for the uses of everyday materials including metals, wood and plastic.</p>	<p><u>Earth and Space</u> Planets of the solar system, movement of the moon relative to the earth, day and night, movement of the moon and the earth in the solar system.  Inspirational Female Scientists-Mae Jameson and Catherine Joneson</p>	<p><u>Animals including humans</u> Describe the changes as humans develop to old age.</p>
	<p><b>Pond</b></p> <p style="text-align: center;">Seasonal pond work Pond dipping throughout the year (autumn, spring, summer, winter), comparing results, caring for wildlife and the environment <b>Can I explain the seasonal changes in a pond?</b></p>					



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<b>Computing</b>	<p>Computing Systems and Networks</p> <p>Online Safety - Strong Passwords</p> <p><b>How does a computer system work?</b></p> <p><b>How do I create a strong password?</b></p>	<p>Scratch Times Tables Game</p> <p>Online Safety-Digital Citizen Pledge</p> <p><b>Can I explain how to code a programme to change a score by 1?</b></p> <p><b>How can I be a good digital citizen?</b></p>	<p>Word Processing Presenting factual information about rivers.</p> <p><b>How do I create and insert a table on Microsoft Word and use information from Digi maps?</b></p> <p><b>What does online spam look like?</b></p>	<p>Micro:bits DT link – Swingboats</p> <p>Online Safety- How To Cite A Site</p> <p><b>Can I create a repetitive code to move a model?</b></p> <p><b>How do I cite a site?</b></p>	<p>Word Procoessing Presenting factual information about Greek Gods</p> <p>Online Safety-Picture Perfect</p> <p><b>How can I use Publisher to present information?</b></p> <p><b>Are the images I see on the internet always true to how a person looks?</b></p>	<p>Binary Code Pixel Art</p> <p><b>Can I use binary code to create a pixelated image?</b></p>
	<p><b>History</b></p> <p><u>Thematic Study - Life for Children in WW2</u></p> <p>Britain the 1930's Declaration of war Evacuation Air raid shelters Rationing Anne frank</p> <p><b>What was life like for a wartime child?</b></p>			<p><u>Changes to Britain from the Stone Age to the Iron Age</u></p> <p><b>What was the significance of The Stone Age, Bronze Age and Iron Age and why aren't they civilizations?</b></p>	<p><u>Ancient Greece Chronology-Timeline</u></p> <p>Ancient Greek achievements-The Olympics</p> <p>Greek Legacy- architecture, Greek art</p> <p>Greek religion-Gods and Goddess'</p> <p>How did people become powerful leaders?</p> <p><b>What was the significance of the Ancient Greek civilization?</b></p>	
	<p><b>Geography</b></p>			<p><u>Rivers</u></p> <p>The water cycle</p>		



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			<p>Journey of a River River Features Cross section of a Meander World's Major rivers (including European Rivers) The Danube location and use of (human Geography)</p> <p><b>What are the key aspects of a river and what is their positive influence on society?</b></p>	
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Art	Art Deco Design and Modernism Clarice Cliff-sugar shaker design, Art Deco cityscapes <b>How did Clarice Cliffe use colour to create eye catching designs?</b>		River Weaving  <b>Can I manipulate a needle and wool and follow a design?</b>	Stone/Bronze age pastel paintings (cave paintings and Stonehenge ) <b>How did the Stone Age people create art?</b>	Space art Greek Pots and Patterns Printing <b>Can I use printing techniques to create a pattern?</b>	
	DT and Cooking and Nutrition	Christmas Cards <b>Can I design, make and evaluate a Christmas card with moving parts?</b>	Bridges <b>Can I explain how we make strong bridges?</b>	Swing Boat <b>Can I make a swing boat move using a BBC micro:bit and code?</b>		Fairground Wheels <b>Can I explain how I use an axle, pulley and gears to make a moving Ferris wheel?</b>
				Savoury spinach and cheese muffins <b>Can I explain how I measure out ingredients accurately and use ratios to scale up or down a recipe?</b>	Greek Foods- Tzatziki and flat bread <b>Can I explain how to use a range of techniques, such as peeling, grating, chopping, slicing, mixing and kneading?</b>	
RE	<u>Forgiveness</u> Should we forgive others? What is right? Wrong? Just and fair?  <b>How do different religions accept forgiveness?</b>	<u>Pilgrimages</u> How are important events remembered by pilgrimages? Why do people go on pilgrimages? <b>Can I explain the differences between different</b>	<u>Christianity</u> Christian traditions, the twelve disciples, parables, The Lord's Prayer, stained glass windows, inside a church, The Resurrection.	<u>Belief</u> Tolerance, co-operation and understanding views Malala Yousafeai,  <b>Can I explain what tolerance is?</b>	<u>Racism and Diversity</u> Martin Luther King, Rosa Parks, Paralympians.  <b>Can I explain what is right, wrong, just and fair?</b>	<u>Hinduism</u> What do Hindus believe? How do they celebrate. Gods and Goddesses. Worship in a Mandir. Symbols and festivals.



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	religious and non-religious pilgrimages?	What are the key aspects of Christianity?			Can I describe the way of life for a Hindu?	
PSHE	<b>Mental health and emotional wellbeing - Mindmate</b> Mission statement, ground rules, feeling good and being me, friends and family, life changes, strong emotions, being the same and being different, solving problems.  <b>Keeping safe and managing risk</b> How do we stay safe online? What do we do when things go wrong?  <b>How do we stay safe online?</b>		<b>Identity, Society and Equality</b> Stereotypes, discrimination, prejudice (including tackling homophobia) <b>How does society influence people's judgements?</b>  <b>Sex and Relationships Education</b> How do our bodies change? What is puberty? <b>Do I understand the changes that will happen to my body through puberty?</b>  <b>Drugs, Alcohol and Tobacco Education</b> The impact of smoking and vaping, different influences <b>Do I understand the risks of smoking drugs and how to resist peer pressure?</b>		<b>Race and Diversity</b> Stop racism poster, respect rap, Martin Luther King, Rosa Parks, William Wilberforce  <b>Who were the key figures in fighting racism and what is their legacy?</b>	<b>Physical health and wellbeing</b> <b>How can messages given on food adverts be misleading?</b>
	Real PE- Unit 3 – Cognitive Skills <b>Ball Handling and Invasion Games</b> <b>Can I throw and catch with dominant and non-dominant hand?</b> <b>ATHLETICS</b> Assessment – how many laps of the running track can you complete?	Real PE-Unit 4 Creative Skills Static Balance – seated and floorwork. Invasion Games- Practising the principles of attacking and defending in Invasion Games- including strategy and teamwork- through Hockey.  <b>ATHLETICS</b> Can you improve the number of laps completed? (Improving on a personal best.)	Dance-The Moldau river dance (Geography Link)  Net, court and wall games Using throwing and catching skills in isolation and in combination. <b>Can I consistently move around a court to hit a tennis ball?</b> <b>ATHLETICS</b> Assessment – how many laps of the running track can you complete?	Gym- Flight Circuit Training and Fitness <b>ATHLETICS</b> <b>Can you improve the number of laps completed? (Improving on a personal best.)</b>  OAA- Visit to Nell Bank- focus on map reading and orienteering.	Real PE- Unit 6 Health and Fitness Co-ordination and Agility in ball handling. Striking and Fielding Games- rounders and cricket skills. <b>Focus on agility and accuracy in ball handling.</b> <b>ATHLETICS</b> Assessment – how many laps of the running track can you complete?	Real PE-Dynamic Balance Unit 5 Applying Physical Skills Athletics Unit- Focus on agility and improving performance  <b>Can I improve on a personal best?</b> <b>ATHLETICS</b> Can you improve the number of laps completed? (Improving on a personal best.)

PE



# Year 5 Curriculum Map

French	<u>Phonics</u>  <b>My family</b> <b>How do talk about my family in French?</b>	<u>The Date</u> <b>Can I ask and answer questions about the date in French?</b>	<u>The Weather</u> <b>Quel temps fait-il?</b> <b>Can I talk about the weather in France?</b>	<u>Pet</u> <b>Do you have a pet and what is it called?</b>	<u>About me</u> <b>Can I describe where I live?</b>	<u>The Romans</u> <b>Can I explain who the Romans were?</b>
	Music	WW 2 songs and music appreciation <b>How does music from the past compare to today?</b>	Christmas Performance  <b>Can I perform as part of an ensemble in front of an audience?</b>	River music The Moldau The Blue Danube River composition  <b>Can I show my understanding of the water cycle through performance and song?</b>  <b>How can timbre, dynamics, pitch and tempo represent the journey of the Moldau river?</b>	Appreciate and understand the history of music  <b>Can I compose my own version of an existing song?</b>	Steel pans  <b>How do I draw on previous knowledge to learn to play a new instrument?</b>
Maths	<b>Subject Area</b>	<b>Focus</b>	<b>Year 5</b>			
	<b>Number</b>	<b>Number and Place Value</b>	<ul style="list-style-type: none"> <li>Read, write, order and compare numbers to at least 1,000,000 and determine place value</li> <li>Count forwards/backwards in steps of powers of 10 up to 1,000,000</li> <li>Interpret negative numbers; count forwards/backwards through positive and negative numbers</li> <li>Round numbers up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000</li> <li>Solve larger number and practical problems**</li> <li>Read Roman numerals to 1000 and years</li> </ul>			
		<b>Addition and Subtraction</b>	<ul style="list-style-type: none"> <li>Add and subtract numbers with more than 4 digits including using formal written methods (column)</li> <li>Add and subtract mentally with increasingly larger numbers</li> <li>Use rounding to check answers and determine the levels of accuracy</li> <li>Solve multi-step addition and subtraction problems in contexts, deciding methods/operations to use and why</li> </ul>			
<b>Multiplication and Division</b>		<ul style="list-style-type: none"> <li>Identify multiples and factors. Including finding all factor pairs of a number and common factors of two numbers</li> <li>Know and use the vocabulary of prime numbers, prime factors and composite numbers</li> <li>Establish whether a number up to 100 is prime; recall prime numbers up to 19</li> </ul>				



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		<ul style="list-style-type: none"> <li>• Multiply numbers up to four-digits by a one or two-digit number using a formal written method including long multiplication</li> <li>• Multiply and divide numbers mentally using known facts</li> <li>• Divide numbers up to four-digits by a one-digit number using the formal written method of short division and interpret remainders</li> <li>• Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000</li> <li>• Recognise and use square and cube numbers and their notations (<sup>2</sup> and <sup>3</sup>)</li> <li>• Solve problems involving multiplication and division including scaling by simple fractions and involving simple rates</li> </ul>
	<b>Fractions (including Decimals and Percentages)</b>	<ul style="list-style-type: none"> <li>• Compare and order fractions whose denominators share the same multiple</li> <li>• Identify, name and write equivalent fractions of a given fraction, including tenths and hundredths</li> <li>• Recognise mixed numbers and improper fractions; convert from one form to the other and write mathematical statements</li> <li>• Add and subtracts fractions with the same denominator or with a shared multiple</li> <li>• Multiply proper fractions and mixed numbers by whole numbers</li> <li>• Read and write decimal numbers as fractions</li> <li>• Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents</li> <li>• Round decimals with two decimal places to the nearest whole number and to one decimal place</li> <li>• Read, write, order and compare numbers to three decimal places</li> <li>• Solve problems up to three decimal places</li> <li>• Recognise the percent (%) symbol and understand that per cent relates to 'number of parts per hundred'</li> <li>• Write percentages as a fraction with denominator 100 and as a decimal</li> <li>• Solve problems which involve percentage and decimal equivalents of <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{5}</math>, <math>\frac{2}{5}</math>, <math>\frac{4}{5}</math> and fractions with a denominator of a multiple of 10 or 25</li> </ul>
	<b>Ratio and Proportion</b>	
	<b>Algebra</b>	
<b>Measurement</b>		<ul style="list-style-type: none"> <li>• Convert between different units of metric measure</li> <li>• Understand and use approximate equivalences between metric units and common imperial units</li> <li>• Measure and calculate the perimeter of composite rectilinear shapes in cm and m</li> <li>• Calculate and compare the area of rectangles using standard units, <math>\text{cm}^2</math>, <math>\text{m}^2</math>, and estimate the area of irregular shapes</li> <li>• Estimate volume and capacity</li> <li>• Solve problems involving converting between units of time</li> <li>• Use all four operations to solve problems involving measure using decimal notation, including scaling</li> </ul>
<b>Geometry</b>	<b>Properties of</b>	<ul style="list-style-type: none"> <li>• Identify 3-D shapes including cubes and other cuboids from 2-D representations</li> </ul>





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	<b>Shapes</b>	<ul style="list-style-type: none"><li>• Know angles are measured in degrees; estimate and compare acute, obtuse and reflex angles</li><li>• Draw given angles and measure them in degrees (<math>^{\circ}</math>)</li><li>• Identify; angles at a point of one whole turn, angles at a point and half a turn, other multiples of <math>90^{\circ}</math></li><li>• Use the properties of rectangles to deduce related facts and find missing lengths and angles</li><li>• Distinguish between regular and irregular polygons based on equal sides and angles</li></ul>
	<b>Position and Direction</b>	<ul style="list-style-type: none"><li>• Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed</li></ul>
<b>Statistics</b>		<ul style="list-style-type: none"><li>• Solve comparison, sum and difference problems using information presented in a line graph</li><li>• Complete, read and interpret information in tables, including timetables</li></ul>