Year 5 Curriculum Map

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
English	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.	
Reading	<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>	
Educational Visits and in-school visitors	WW2 Immersion Day in school		Nell Bank River Study Bridge workshop	Northern Ballet Workshop	Bradford Media Museum Earth and Space	Steel Pans
Science	<u>All living things and their habitats</u> Life cycles of a mammal, amphibian, insect and bird	<u>Forces</u> Gravity, air resistance, water resistance, friction and mechanisms including		<u>Properties and changes of materials</u> Solids, liquids and gasses, grouping materials, separating materials,	<u>Earth and Space</u> Planets of the solar system, movement of the moon relative to the earth, day and	<u>Animals including humans (Relationships Education)</u>

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	Describe the life process of reproduction in some plants and animals. **Can I explain the differences in species life cycles?**	leavers, pulleys and gears. **Can I confidently describe the effect a force has on an object?**		reversible changes, properties of materials, dissolving solutions. **Can I compare and explain the properties of everyday materials?**	night, movement of the moon and the earth in the solar system. Inspirational Female Scientists-Mae Jameson and Catherine Joneson **Can I describe the movement of planets and celestial bodies around sun?**	Change through puberty **Do I understand the changes that will happen to my body through puberty?**
Pond	Seasonal pond work Pond dipping throughout the year (autumn, spring, summer, winter), comparing results, caring for wildlife and the environment **Can I explain the seasonal changes in a pond?**					
Computing	Computing Systems and Networks Online Safety - Strong Passwords **How does a computer system work?** **How do I create a strong password?**	Scratch-tables game Online Safety- Digital Citizen Pledge **Can I explain how to code a programme to change a score by 1?** **How can I be a good digital citizen?**	Information Technology – Presenting factual information on rivers. **How do I create and insert a table on word and use information from Digi maps?** **What does online spam look like?**	Scratch Counting Machine Scratch Coins Online Safety- How To Cite A Site **Can I explain how to edit and improve a code to make a game work?** **How do I Cite a Site?**	Using Publisher (posters/leaflets for The Summer Fair) Online Safety- Picture Perfect **How can I use Publisher to present information?** **Are the images I see on the internet always true to how a person looks?**	Lego WeDo **How do I program and code technology to perform a function?**
History	<u>Thematic Study - Life for Children in WW2</u> Britain the 1930's Declaration of war		<u>Changes to Britain from the Stone Age to the Iron Age</u> Chronology-Timeline **Stone Age**		<u>Ancient Greece</u> <u>Chronology-Timeline</u> Ancient Greek achievements-The Olympics Greek Legacy- architecture, Greek art	

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Geography	Evacuation Air raid shelters Rationing Anne frank **What was life for a child like in WW2?**		Hunter Gatherers **Bronze Age** technology and farming Stone Henge **Iron Age** kingdoms, tribes and leaders How did people become powerful leaders?- **How did life differ in the Stone Age to the Iron Age compared to modern day?**	Greek religion-Gods and Goddess' How did people become powerful leaders? **What is the legacy of Greek culture on modern day society?**
			<u>Rivers</u> The water cycle 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) **What are the key aspects of a river and what is their positive influence on society?**	

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Art	Art Deco Design and Modernism Clarice Cliff-sugar shaker design, Art Deco cityscapes **How did Clarice Cliffe use colour to create eye catching designs?**		River Weaving **Can I manipulate a needle and wool and follow a design?**	Stone/Bronze age pastel paintings (cave paintings and Stonehenge) **How did the Stone Age people create art?**	Space art Greek Pots and Patterns Printing **Can I use printing techniques to create a pattern?**	
DT and Cooking and Nutrition		Anderson Shelters **Can I design, make and evaluate a shelter fit for keeping people safe in WW2?**	Bridges **Can I explain how we make strong bridges?**			Fairground Wheels **Can I explain how I use an axle, pulley and gears to make a moving Ferris wheel?** Lego Wedo **Can I create an electrical system using Lego Wedo incorporating lights, sounds and motors?**
				Savoury spinach and cheese muffins **Can I explain how I measure out ingredients accurately and use ratios to scale up or down a recipe?**		Greek Foods- Tzatziki and flat bread **Can I explain how to use a range of techniques, such as peeling, grating, chopping, slicing, mixing and kneading?**
RE	<u>Forgiveness</u>	<u>Pilgrimages</u>	<u>Christianity</u>	<u>Belief</u>		<u>Cross curricular work on freedom and slavery</u>

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	Should we forgive others? What is right? Wrong? Just and fair? **How do different religions accept forgiveness?**	How are important events remembered by pilgrimages? Why do people go on pilgrimages? **Can I explain the differences between different religion's pilgrimages?**	Christian traditions, the twelve disciples, parables, The Lord's Prayer, stained glass windows, inside a church, **What are the key aspects of Christianity?**	Tolerance co-operation and understanding Malala Yousafeai, **Can I explain what tolerance is?**		<u>Ottobah Cuguano</u> Ottobah's thoughts, slave ships, a Pirate's charter, Kente design **What was slavery and what impact does it still have on today's society?**
PSHE	**<u>Mental health and emotional wellbeing - Mindmate</u>** Mission statement, ground rules, feeling good and being me, friends and family, life changes, strong emotions, being the same and being different, solving problems. **<u>Keeping safe and managing risk</u>** How do we stay safe online? What do we do when things go wrong? **<u>How do we stay safe online?</u>**		**<u>Identity, Society and Equality</u>** Stereotypes, discrimination, prejudice (including tackling homophobia) **<u>How does society influence people's judgements?</u>** **<u>Drugs, Alcohol and Tobacco Education</u>** The impact of smoking and vaping, different influences **<u>Do I understand the risks of smoking drugs and how to resist peer pressure?</u>**		**<u>Race and Diversity</u>** Stop racism poster, respect rap, Martin Luther King, Rosa Parks, William Wilberforce **<u>Who were the key figures in fighting racism and what is their legacy?</u>**	**<u>Sex and Relationships Education</u>** How do our bodies change? What is puberty? **<u>Do I understand the changes that will happen to my body through puberty?</u>** **<u>Physical health and wellbeing</u>** **<u>How can messages given on food adverts be misleading?</u>**
PE	Real PE- Unit 1 – Cognitive Skills Netball-Class B **Can I throw and catch with**	Real PE-Unit 2 Creative Skills Netball-Class A **Can I throw and catch with**	Dance-The Moldau Net, court and wall games **Can I consistently move around a court to hit a tennis ball?** **ATHLETICS**	Gym- Flight Invasion games – Football. **Can I perform basic flight actions at**	Real PE- Unit 5 Health and Fitness Striking and Fielding **Can I consistently catch a ball at a**	Real PE-Dynamic Balance Unit 4 Applying Physical Skills Athletics Unit

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	dominant and non-dominant hand? ATHLETICS I can understand about pacing and maintain quality of my actions- summative assessment of number of laps completed- running track. **Swimming (Group B)** Can you swim competently, confidently and proficiently over 25 metres and perform safe self-rescue?	**dominant and non-dominant hand? ATHLETICS I can understand about pacing and maintain quality of my actions- summative assessment of number of laps completed- running track.** **Swimming (Group B)** Can you swim competently, confidently and proficiently over 25 metres and perform safe self-rescue?	**I can understand about pacing and maintain quality of my actions- summative assessment of number of laps completed- running track.**	**different speeds and levels? ATHLETICS I can understand about pacing and maintain quality of my actions- summative assessment of number of laps completed- running track.**	**range of speeds and height. ATHLETICS I can understand about pacing and maintain quality of my actions- summative assessment of number of laps completed- running track.**	**Can I improve on a personal best? ATHLETICS I can understand about pacing and maintain quality of my actions- summative assessment of number of laps completed- running track.**
French	**Phonics** **My family** **How do talk about my family in French?**	**The Date** **Can I ask and answer questions about the date in French?**	**The Weather** **Quel temps fait-il?** **Can I talk about the weather in France?**	**Pet** **Do you have a pet and what is it called?**	**About me** **Can I describe where I live?**	**The Romans** **Can I explain who the Romans were?**
Music	WW 2 songs and music appreciation **How does music from the past compare to today?**	Christmas Performance **Can I perform as part of an ensemble in front of an audience?**	River music The Moldau The Blue Danube River composition **Can I show my understanding of the water cycle through performance and song?**		Appreciate and understand the history of music **Can I compose my own version of an existing song?**	Steel pans **How do I draw on previous knowledge to learn to play a new instrument?**

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			How can timbre, dynamics, pitch and tempo represent the journey of the Moldau river?			

Maths	Subject Area	Focus	Year 5
	Number	***Number and Place Value***	• Read, write, order and compare numbers to at least 1,000,000 and determine place value • Count forwards/backwards in steps of powers of 10 up to 1,000,000 • Interpret negative numbers; count forwards/backwards through positive and negative numbers • Round numbers up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000 • Solve larger number and practical problems** • Read Roman numerals to 1000 and years
		Addition and Subtraction	• Add and subtract numbers with more than 4 digits including using formal written methods (column) • Add and subtract mentally with increasingly larger numbers • Use rounding to check answers and determine the levels of accuracy • Solve multi-step addition and subtraction problems in contexts, deciding methods/operations to use and why
		Multiplication and Division	• Identify multiples and factors. Including finding all factor pairs of a number and common factors of two numbers • Know and use the vocabulary of prime numbers, prime factors and composite numbers • Establish whether a number up to 100 is prime; recall prime numbers up to 19 • Multiply numbers up to four-digits by a one or two-digit number using a formal written method including long multiplication • Multiply and divide numbers mentally using known facts • Divide numbers up to four-digits by a one-digit number using the formal written method of short division and interpret remainders • Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000 • Recognise and use square and cube numbers and their notations (^{2} and ^{3}) • Solve problems involving multiplication and division including scaling by simple fractions and involving simple rates
		Fractions (including Decimals and Percentages)	• Compare and order fractions whose denominators share the same multiple • Identify, name and write equivalent fractions of a given fraction, including tenths and hundredths • Recognise mixed numbers and improper fractions; convert from one form to the other and write mathematical statements • Add and subtracts fractions with the same denominator or with a shared multiple • Multiply proper fractions and mixed numbers by whole numbers • Read and write decimal numbers as fractions • Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents

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			• Round decimals with two decimal places to the nearest whole number and to one decimal place • Read, write, order and compare numbers to three decimal places • Solve problems up to three decimal places • Recognise the percent (%) symbol and understand that per cent relates to 'number of parts per hundred' • Write percentages as a fraction with denominator 100 and as a decimal • Solve problems which involve percentage and decimal equivalents of ½, ¼, 1/5, 2/5, 4/5 and fractions with a denominator of a multiple of 10 or 25
	Ratio and Proportion		
	Algebra		
Measurement			• Convert between different units of metric measure • Understand and use approximate equivalences between metric units and common imperial units • Measure and calculate the perimeter of composite rectilinear shapes in cm and m • Calculate and compare the area of rectangles using standard units, cm^2, m^2, and estimate the area of irregular shapes • Estimate volume and capacity • Solve problems involving converting between units of time • Use all four operations to solve problems involving measure using decimal notation, including scaling
Geometry	***Properties of Shapes***		• Identify 3-D shapes including cubes and other cuboids from 2-D representations • Know angles are measured in degrees; estimate and compare acute, obtuse and reflex angles • Draw given angles and measure them in degrees (°) • Identify; angles at a point of one whole turn, angles at a point and half a turn, other multiples of 90° • Use the properties of rectangles to deduce related facts and find missing lengths and angles • Distinguish between regular and irregular polygons based on equal sides and angles
	Position and Direction		• 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
Statistics			• Solve comparison, sum and difference problems using information presented in a line graph • Complete, read and interpret information in tables, including timetables