

Year 5 Long Term Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Key Texts	Rivers of the World	Raiders or Traders?	Marvellous Mayans	Fair Trade	Rebuilding Britain	Magnificent Mountains
	Journey to the River Sea <i>Eva Ibbotson</i>	Beowulf <i>Michael Morpurgo</i>	Charlie and the Chocolate Factory <i>Roadl Dahl</i>	Off Side <i>Tom Palmer</i>	Coming to England <i>Floella Benjamin</i>	The Arrival <i>Shaun Tan</i>
English	F: Journey story NF: Recount – Diaries P: Poems-Metaphors and similes	F: Legends NF: Fictional Recount to lead into historical recount based on Anglo Saxon.	F: Playscripts NF: Persuasion adverts (selling invented chocolate bar) P: Performance Poetry	F: Rags to riches narrative NF: Discussion	F: Sequel to Coming Home NF: Newspaper Report	NF: Non-chronological report-Mountains F: Creative writing based on The Arrival P: Classic Poetry
Maths	<p>Number: Place Value</p> <ul style="list-style-type: none"> Number to 10,000. Roman numerals to 1,000. Round to the nearest 10, 100 and 1000. Number to 100,000. Compare and order numbers to 100,000. Round numbers within 100,000. Numbers to a million. Counting in 10s, 100s, 1,000s, 10,000s and 100,000s. Compare and order numbers to a million. Round numbers to a million. Negative numbers. <p>Number: Addition and Subtraction</p> <ul style="list-style-type: none"> Add whole numbers with more than 4-digits (column method). Subtract whole numbers with more than 4-digits (column method). Round to estimate and approximate. Inverse operations (addition and subtraction). Multi-step addition and subtraction problems. <p>Statistics</p> <ul style="list-style-type: none"> Read and interpret line graphs. Draw line graphs. Use line graphs to solve problems. Read and interpret tables. Two way tables. Timetables. 	<p>Number: Multiplication and Division</p> <ul style="list-style-type: none"> Multiples. Factors. Common factors. Prime numbers. Square numbers. Cube numbers. Multiplying by 10, 100 and 1000. Dividing by 10, 100 and 1000. Multiples of 10, 100 and 1000. <p>Measurement: Perimeter and Area</p> <ul style="list-style-type: none"> Measure perimeter. Calculate perimeter. Area of rectangles. Area of compound shapes. Area of irregular shapes. 	<p>Number: Multiplication and Division</p> <ul style="list-style-type: none"> Multiply 4-digits by 1-digit. Multiply 2-digits (area model). Multiply 2-digits by 2-digits. Multiply 3-digits by 2-digits. Multiply 4-digits by 2-digits. Divide 4-digits by 1-digit. Divide with remainders. <p>Number: Fractions</p> <ul style="list-style-type: none"> Equivalent fractions. Improper fractions to mixed numbers. Mixed numbers to improper fractions. Number sequences. Compare and order fractions less than 1. Compare and order fractions greater than 1. 	<p>Number: Fractions</p> <ul style="list-style-type: none"> Add and subtract fractions. Add fractions within 1. Add 3 or more fractions. Add fractions. Add mixed numbers. Subtract fractions. Subtract mixed numbers. Subtract –breaking the whole. Subtract 2 mixed numbers. Multiply unit fractions by an integer. Multiply non-unit fractions by an integer. Multiply mixed numbers by integers. Fraction of an amount. Using fractions as operators. <p>Number: Decimals and Percentages</p> <ul style="list-style-type: none"> Decimals up to 2 d.p. Decimals as fractions Understand thousandths. Thousands as decimals. Rounding decimals. Order and compare decimals. Understand percentages. Percentages as fractions and decimals. Equivalent F.D.P. 	<p>Number: Decimals</p> <ul style="list-style-type: none"> Adding decimals within 1. Subtracting decimals within 1. Complements to 1. Adding decimals – crossing the whole. Adding decimals with the same number of decimal places. Subtracting decimals with the same number of decimal places. Adding decimals with a different number of decimal places. Subtracting decimals with a different number of decimal places. Adding and subtracting whole and decimals. Decimal sequences. Multiplying decimals by 10, 100 and 1000. Dividing decimals by 10, 100 and 1,000. <p>Geometry: Properties of Shape</p> <ul style="list-style-type: none"> Measuring angles in degrees. Measuring with a protractor Drawing lines and angles accurately. Calculating angles on a straight line. Calculating angles around a point. Calculating lengths and angles in shapes. Regular and irregular polygons. Reasoning about 3D shapes. 	<p>Geometry: Position and Direction</p> <ul style="list-style-type: none"> Position in the first quadrant. Reflection. Reflection with coordinates. Translation. Translation with coordinates <p>Measurements: Converting Units</p> <ul style="list-style-type: none"> Kilograms and kilometres. Milligrams and millilitres. Metric units. Imperial units. Converting units of time. Timetables. <p>Measurement: Volume</p> <ul style="list-style-type: none"> What is volume? Compare volume. Estimate volume. Estimate capacity.

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Science	<p>Forces-air/water resistance</p> <p>Explain that unsupported objects fall towards the earth because of gravity</p> <p>Explain the effects of water and air resistance and friction</p>	<p>Earth and Space</p> <p>Describe movement of the earth and other planets relative to the sun</p> <p>Describe the movement of the moon relative to the earth</p> <p>Use the idea of the earth's rotation to explain day and night and the apparent movement of the sun across the sky</p>	<p>Solids, liquids and gases-Reversible and irreversible changes</p> <p>Compare and group everyday materials Explain uses/suitability</p> <p>Demonstrate and explain reversible/ irreversible changes</p> <p>Know about solutions Separate mixtures</p>	<p>Living Things</p> <p>Describe the differences in life cycles of a mammal, an amphibian, an insect and a bird</p> <p>Describe the life process of reproduction in some plants and animals</p>	<p>Birth to Old Age</p> <p>describe the changes as humans develop to old age</p>	
	History		<p>Vikings</p> <p>The Viking and Anglo Saxon struggle for the Kingdom of England</p> <p>Compare an aspect of life with the same aspect in another period</p> <p>Examine causes and results of great events and the impact on people</p> <p>Offer some reasons for different versions of events</p> <p>Use evidence to build up a picture of a past event</p>	<p>Mayans</p> <p>A non-European society that provided contrast with British history</p> <p>Compare life in early and late 'times' studied</p> <p>Select relevant sections of information</p>		<p>Rebuilding Britain</p> <p>A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066</p> <p>Study different aspects of different people - differences between men and women</p> <p>Begin to identify primary and secondary sources</p>
Geography		<p>Rivers</p> <p>Name and locate counties and cities of the UK</p> <p>Describe and understand key aspects of physical geography (rivers)</p> <p>Use maps, atlases and globes to locate countries</p> <p>Compare 2 different regions in UK rural/urban</p> <p>Locate and name the main counties and cities in England</p> <p>Compare land use maps of UK from past with the present, focusing on land use</p>	<p>Settlements <i>Explore types of settlements in Viking Britain linked to history.</i></p>		<p>Fair Trade</p> <p>Locate the main countries in Europe South America. Locate and name principal cities</p> <p>Identify the position and significance of longitude and latitude</p> <p>Describe and understand key aspects of human and physical geography</p> <p>Use maps, atlases and globes to locate countries</p> <p>Compare a region in UK with a region in S. America with significant differences and similarities.</p> <p>Human geography including trade between UK and Europe and ROW Fair/unfair distribution of resources (Fairtrade).</p>	

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RE	Why are some journeys and places special?	Why are some journeys and places special?	What values are shown in codes for living?	Should we forgive others?	What do Christians believe about the old and new covenants?	What do Christians believe about the old and new covenants?
PSHCE	Relationships Families and friendships Managing friendships and peer influence Safe relationships Physical contact and feeling safe Respecting ourselves and others Responding respectfully to a wide range of people; recognising prejudice and discrimination		Living in the wider world Belonging to a community Protecting the environment; compassion towards others Media literacy and digital resilience How information online is targeted; different media types, their role and impact Money and work Identifying job interests and aspirations; what influences career choices; workplace stereotypes		Health and wellbeing Physical health and mental wellbeing Healthy sleep habits; sun safety; medicines, vaccinations, immunisations and allergies Growing and hanging Personal identity; recognising individuality and different qualities; mental wellbeing Keeping safe Keeping safe in different situations, including responding in emergencies, first aid and FGM	
Art	Monet Explore expressionism and use water colours to create own version of 'Water Lillies'			Textiles-Fair Trade Design a logo for Fair Trade and print onto a calico bag	Observational Art/Sculptures Explore work of Henry Moore and Barbara Hepworth-sketch and recreate sculptures	
DT		Mechanisms: Viking Longship Explore cams, levers and pulleys	Food tech: Bread Select, weigh, mix and cook ingredients Understand food hygiene and safety			Structures: Shelters Use materials to practise drilling, screwing, gluing and nailing to produce a mountain shelter
Computing	Online Safety To gain a greater understanding of the impact that sharing digital content can have To review sources of support when using technology To review responsibility to one another in their online behavior	Coding Use technology safely and respectfully Design, write and debug programs Use sequence, selection and repetition in programs	Spreadsheets Conversions of measurements Formulae including the advanced mode Using text variables to perform calculations	Databases To learn how to search for information on a database To create a database around a chosen topic	Game Creator Use technology safely and respectfully	Concept Maps/ 3D Modelling To explore the effect of moving points when designing To understand the need for visual representation when generating and discussing complex ideas
MfL	All Around Town Name some of the major cities of France; Identify and say typical amenities to be found in French towns; Ask and give a simple address in French; Say in French what amenities or features are found in their own town;	On the Move Name some types of transport; Use Je... and Tu... correctly in a simple sentence; Respond to simple instructions for direction and movement; Use the correct article to precede a noun according to gender; Use 1st person, 2nd person (singular) and 3rd person of 'to go' accurately with the correct pronoun;	Going Shopping Listen and respond to topic vocabulary Answer questions using the topic vocabulary Choose the correct forms when changing le to du le to de and les to des Use adjectives (colours) and place them after the noun	Where In the World Listen and respond to topic vocabulary; Answer questions orally using the topic vocabulary; Write an answer in a sentence using the topic vocabulary; Use an English/French dictionary to translate from English to French. Understand that because a continent is always feminine the preposition 'en' is always used for 'in';	What's the Time and write a sentence to the time (o'clock); ant in fives to at least 30; erstand and use the ns avant and après; and write a sentence to the time (o'clock and half).	Holidays and Hobbies Listen and respond to topic vocabulary; Answer questions orally using the topic vocabulary; Write an answer in a sentence using the topic vocabulary; Present ideas and information orally to a range of audiences. Choose the correct preposition: en for feminine countries, au for masculine countries;

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				Use the correct masculine/feminine preposition		
PE	Football Use running, jumping, throwing and catching in isolation and in combination. Play competitive games, modified where appropriate, and apply basic principles suitable for attaching and defending Develop flexibility, strength, technique, control and balance Compare their performances with previous ones and demonstrate improvement to achieve their personal best	Basketball Use running, jumping, throwing and catching in isolation and in combination. Play competitive games, modified where appropriate, and apply basic principles suitable for attaching and defending Develop flexibility, strength, technique, control and balance Compare their performances with previous ones and demonstrate improvement to achieve their personal best	Dance Develop flexibility, strength, technique, control and balance Compare their performances with previous ones and demonstrate improvement to achieve their personal best	OAA Develop flexibility, strength, technique, control and balance Take part in outdoor and adventurous activity challenges both individually and within a team Compare their performances with previous ones and demonstrate improvement to achieve their personal best	Athletics Use running, jumping, throwing and catching in isolation and in combination Develop flexibility, strength, technique, control and balance Compare their performances with previous ones and demonstrate improvement to achieve their personal best	Cricket Use running, jumping, throwing and catching in isolation and in combination. Play competitive games, modified where appropriate, and apply basic principles suitable for attaching and defending Develop flexibility, strength, technique, control and balance Compare their performances with previous ones and demonstrate improvement to achieve their personal best
	I'll Be There Listen and appraise a range of rock music To explore and develop a range of musical concepts	Classroom Jazz I Listen and appraise a range of jazz music To explore and develop a range of musical concepts including composition	Make You Feel My Love Listen and appraise a range of pop ballads To explore and develop a range of musical concepts including rhythm	Fresh Prince of Bel Air Listen and appraise a range of hip-hop music To explore and develop a range of musical concepts including rhythm and composition	Dancing in the Street Listen and appraise a range of Motown music To explore and develop a range of musical concepts including pitch and pulse	Reflect, Rewind and Replay Consolidate various styles of music throughout the year including Western classical music To explore and develop a range of musical concepts
Music						