

Year 5 Long Term Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Floods!	Vikings	Chocolate	Fair Trade	Rebuilding Britain	Touching the Void
Key Texts	Floodland Martin Sedgewick Journey to the River Sea	Beowulf	Charlie and the Chocolate Factory Roald Dahl	Charlie and the Chocolate Factory Roald Dahl	Coming to England Floella Benjamin	The Piano/Harris Burdick Joe Simpson
English	F: Journey story NF: Recount – Diaries P: Island Man by Grace Nichols	F: Legends NF: Fictional Recount to lead into historical recount based on Anglo Saxon. P: The Viking Code	F: Playscripts NF: Persuasion adverts (selling invented chocolate bar) P: The Magic Box by Kit Wright	F: Rags to riches narrative NF: Discussion P: The Story of Jasper O’Leary	F: Sequel to Coming Home NF: Newspaper Report P: Medusa and Minotaur Take Tea by Rachael Piercy	NF: Recount - Auto/bio F: Creative writing
Maths	Number: Place Value <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. Number: Addition and Subtraction <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. Statistics <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. 	Number: Multiplication and Division <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. Measurement: Perimeter and Area <ul style="list-style-type: none"> Measure perimeter. Calculate perimeter. Area of rectangles. Area of compound shapes. Area of irregular shapes. 	Number: Multiplication and Division <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. Number: Fractions <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. 	Number: Fractions <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. Number: Decimals and Percentages <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. 	Number: Decimals <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. Geometry: Properties of Shape <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. 	Geometry: Position and Direction <ul style="list-style-type: none"> Position in the first quadrant. Reflection. Reflection with coordinates. Translation. Translation with coordinates Measurements: Converting Units <ul style="list-style-type: none"> Kilograms and kilometres. Milligrams and millilitres. Metric units. Imperial units. Converting units of time. Measurement: Volume <ul style="list-style-type: none"> What is volume? Compare volume. Estimate volume. Estimate capacity.

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Science	Water Cycle <ul style="list-style-type: none"> Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature 	Forces-air/water resistance <ul style="list-style-type: none"> Explain that unsupported objects fall towards the earth because of gravity Explain the effects of water and air resistance and friction 	Solids, liquids and gases-Reversible and irreversible changes <ul style="list-style-type: none"> Compare and group everyday materials Explain uses/suitability Demonstrate and explain reversible/irreversible changes Know about solutions Separate mixtures 	Animals including Humans <ul style="list-style-type: none"> Describe human development from birth to old age 	Living Things <ul style="list-style-type: none"> Describe the differences in life cycles of a mammal, an amphibian, an insect and a bird Describe the life process of reproduction in some plants and animals 	Earth and Space <ul style="list-style-type: none"> Describe movement of the earth and other planets relative to the sun Describe the movement of the moon relative to the earth Use the idea of the earth's rotation to explain day and night and the apparent movement of the sun across the sky
History		Vikings The Viking and Anglo Saxon struggle for the Kingdom of England	Mayans A non-European society that provided contrast with British history		Rebuilding Britain A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066	
Geography	Rivers <ul style="list-style-type: none"> Name and locate counties and cities of the UK Describe and understand key aspects of physical geography (rivers) Use maps, atlases and globes to locate countries 			Fair Trade <ul style="list-style-type: none"> Locate the world's countries, using maps to focus on Europe Identify the position and significance of longitude and latitude Describe and understand key aspects of human and physical geography Use maps, atlases and globes to locate countries 		Mountains <ul style="list-style-type: none"> Locate the world's countries using maps Describe and understand key aspects of physical geography Use maps/atlas/globes/computer mapping to locate countries and describe features
RE	Where did the Christian Bible come from? Explore the significance of special books in Christianity	Stories of Christianity Explore important stories in Christianity	Jewish Worship and Community Explore Judaism and significant places of worship	Buddhist Worship and Beliefs Explore Buddhist beliefs and places of worship	Why is Muhammad important to Muslims? Learn about Muhammad and his personality, his life and his legacy	Belief in our Community Explore own beliefs and beliefs in local community
PSHCE	Relationships <ul style="list-style-type: none"> Damage caused by drugs, some illegal, supplying to others How to manage requests for images of themselves or others. What is and is not appropriate to ask for or share online and who to talk to if they are concerned by a request. How pressure to behave in unacceptable, unhealthy or risky ways can come from a variety of sources. 	Living in the Wider World <ul style="list-style-type: none"> Strategies for keeping physically and emotionally safe, including e-safety People responsible for keeping them healthy and safe (doctors, nurses, ambulance team) How they can help these people to keep them healthy and safe. Recognise when they need help/support and to develop the skills to ask for help 	Health and Wellbeing <ul style="list-style-type: none"> Different types of relationships (civil partnerships and marriage) Recognise what constitutes a healthy relationship. Develop the skills to form and maintain positive and healthy relationships. Recognise and respond to feelings of others Differences and similarities between people inc. disability, gender identity and sexual orientation. 	Relationships <ul style="list-style-type: none"> What positively and negatively affects their physical, mental and emotional health. What influences choices Impact of the media To understand personal boundaries and to identify what they are willing to share with their most special people. Understand we all have rights to privacy. 	Living in the Wider World <ul style="list-style-type: none"> Economic choices, how they affect the environment Responsibilities towards the environment Role of voluntary, community and pressure groups Skills that make people 'enterprising' (fundraising project for school or a charity of their choice) 	Health and Wellbeing <ul style="list-style-type: none"> How and why rules and laws that protect us are made and enforced. Why different rules are needed in different situations Taking part in making and changing rules Researching topical issues (national) and giving recommendations Consequences of anti-social, aggressive and harmful behaviour on individuals and communities such as bullying and

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	<ul style="list-style-type: none"> Increasing independence/responsibilities 					discrimination of individuals and communities
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	Cityscapes Use charcoals to create own city scape of Bradford	
DT		Mechanisms Design and make a Viking long ship with cams, levers and pulleys	Food tech Design and make chocolate muffins, select, weigh, mix and cook ingredients Understand food hygiene and safety			Shelters Use materials to practise drilling, screwing, gluing and nailing shelter for Joe Simpson
Computing	Online Safety <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Use technology safely and respectfully Design, write and debug programs Use sequence, selection and repetition in programs 	Spreadsheets <ul style="list-style-type: none"> Conversions of measurements Formulae including the advanced mode Using text variables to perform calculations 	Databases <ul style="list-style-type: none"> To learn how to search for information on a database To create a database around a chosen topic 	Game Creator <ul style="list-style-type: none"> Use technology safely and respectfully 	Concept Maps/ 3D Modelling <ul style="list-style-type: none"> To explore the effect of moving points when designing To understand the need for visual representation when generating and discussing complex ideas
MfL	Getting to Know You <ul style="list-style-type: none"> 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 	All About Ourselves <ul style="list-style-type: none"> Name some parts of the body Respond appropriately when asked a simple question Give a simple description of their eyes and hair Place the adjective correctly in a simple sentence 	That's Tasty <ul style="list-style-type: none"> Listen and respond to topic vocabulary Answer questions using the topic vocabulary Write an answer in a sentence using a modelled sentence Take part in role play using the key phrases studies 	Family and Friends <ul style="list-style-type: none"> Join in traditional songs and rhymes Recognise rhyming sounds Use 1st person possessive adjectives confidently and recognise that third person is different 	School Life <ul style="list-style-type: none"> Listen and respond to topic vocabulary Answer questions orally using the topic vocabulary Answer questions in writing using the topic vocabulary Take part in a conversation with a partner and show it to an audience 	Time Travelling <ul style="list-style-type: none"> Recognise number words in spoken sentences Say numbers larger than 100 Match the subject and verb for high-frequency verbs Recognise when someone is saying a date
PE	Dance <ul style="list-style-type: none"> Perform dances using a range of movement patterns Compare performances and evaluate own – make improvements Develop flexibility, strength, technique, control and balance 	Handball <ul style="list-style-type: none"> Play competitive games and apply basic principles suitable for attacking and defending Develop strength, technique, control and balance 	Gymnastics <ul style="list-style-type: none"> Develop flexibility, strength, technique, control and balance Compare and evaluation Performances make improvements on own work 	OAA <ul style="list-style-type: none"> Take part in outdoor and adventurous activity challenges both individually and within a team 	Cricket <ul style="list-style-type: none"> Play competitive games and apply basic principles suitable for attacking and defending Using running, jumping, throwing and catching in isolation and in combination 	Athletics <ul style="list-style-type: none"> Use running, jumping, throwing and catching in isolation and combination Develop flexibility, strength, technique and control
Music	I'll Be There <ul style="list-style-type: none"> Listen and appraise a range of Michael Jackson's music Learn how to feel the pulse, play different rhythms 	Ukulele Stage 1 Nativity! <ul style="list-style-type: none"> Learn and perform nativity songs Learn how to hold the ukulele, the names of the strings and develop technique playing a 	Classroom Jazz I <ul style="list-style-type: none"> Listen and appraise a range of jazz music Learn to play instruments and to compose and improvise 	Benjamin Britten-A Tragic Story <ul style="list-style-type: none"> Listen and appraise a range of Benjamin Britten's music Learn how to feel the pulse, play different rhythms 	STOP! <ul style="list-style-type: none"> Listen and appraise a range of styles of music Learn how to feel the pulse, play different rhythms and hear different pitches 	Reflect, Rewind and Replay <ul style="list-style-type: none"> Consolidate various styles of music throughout the year

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	<p>and hear different pitches</p> <ul style="list-style-type: none"> • Learn to sing the song, play instruments and learn how to perform 	<p>range of pieces of music.</p>		<p>and hear different pitches</p> <ul style="list-style-type: none"> • Learn to sing the song, play instruments and learn how to perform 	<ul style="list-style-type: none"> • Learn to sing the song, play instruments and learn how to perform 	
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