

Year 4 Long Term Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Blitzed Britain	Brilliant Bradford	Ice Palace	Rainforest Adventures	Roaming with the Romans	Extreme Earth
Key Texts	Goodnight Mr Tom <i>Michelle Magorian</i>	Frost Hollows Hall <i>Emma Carroll</i>	Ice Palace <i>Robert Swindells</i>	The Wilderness Wars <i>Julia Green</i>	I Met a Roman Last Night, What Did You Do? <i>Nik Perring</i>	Firework Maker's Daughter <i>Philip Pullman</i>
English	NF: Instructions-What to do in an air raid F: Warning story	NF: Newspaper reports F: Suspense Story P: Nonsense Poetry	F: Fantasy Worlds NF: Recounts – link to science and states of matter. P: Haikus / Limericks	NF: Discussion F: Finding story	NF: Explanation F: Historical Fiction	NF: Non-Chron Report F: Playscripts P: Spine Poem
Maths	Number: Place Value <ul style="list-style-type: none"> Roman numerals to 100. Round to the nearest 10. Round to the nearest 100. Count in 1,000s. 100s, 10s and 1s. Partitioning. Number line to 10,000. 1,000 more or less. Compare numbers. Order numbers. Round to the nearest 1,000. Count in 25s. Negative numbers Number: Addition and Subtraction <ul style="list-style-type: none"> Add and subtract 1s, 10s, 100s and 1000s. Add two 4-digit numbers –no exchange. Add two 4-digit numbers –one exchange. Add two 4-digit numbers –more than one exchange. Subtract two 4-digit numbers –no exchange. Subtract two 4-digit numbers –one exchange. Subtract two 4-digit numbers –more than one exchange. Efficient subtraction. Estimate answers. Checking strategies. 	Measurement: Length and Perimeter <ul style="list-style-type: none"> Kilometres. Perimeter on a grid. Perimeter of a rectangle. Perimeter of rectilinear shapes. Number: Multiplication and Division <ul style="list-style-type: none"> Multiply by 10. Multiply by 100. Divide by 10. Divide by 100. Multiply by 1 and 0. Divide by 1. Multiply and divide by 6. 6 times-table and division facts. Multiply and divide by 9. 9 times-table and division facts. Multiply and divide by 7. 7 times-table and division facts 	Number: Multiplication and Division <ul style="list-style-type: none"> 11 and 12 times-table. Multiply 3 numbers. Factor pairs. Efficient multiplication. Written methods. Multiply 2-digits by 1 –digit. Multiply 3-digits by 1-digit. Divide 2-digits by 1-digit Correspondence problems. Measurement: Area <ul style="list-style-type: none"> What is area? Counting squares Making shapes. Comparing area 	Number: Fractions <ul style="list-style-type: none"> What is a fraction? Equivalent fractions Fractions greater than 1. Count in fractions. Add 2 or more fractions. Subtract 2 fractions. Subtract from whole amounts. Calculate fractions of a quantity. Problem solving – calculate quantities. Number: Decimals <ul style="list-style-type: none"> Recognise tenths and hundredths. Tenths as decimals. Tenths on a place value grid. Tenths on a number line. Divide 1 digit by 10. Divide 2 digits by 10. Hundredths. Hundredths as decimals. Hundredths on a place value grid. Divide 1 or 2 digits by 100. 	Number: Decimals <ul style="list-style-type: none"> Make a whole. Write decimals. Compare decimals. Order decimals. Round decimals. Halves and quarters. Measurement: Money <ul style="list-style-type: none"> Pounds and pence. Ordering amounts of money. Using rounding to estimate money. Four operations. Measurement: Time <ul style="list-style-type: none"> Hours, minutes and seconds. Years, months, weeks and days. Analogue to digital – 12 hour. Analogue to digital – 24 hour. 	Statistics <ul style="list-style-type: none"> Interpret charts. Comparison, sum and difference. Introducing line graphs. Line graphs Geometry: Property of Shape <ul style="list-style-type: none"> Identify angles. Compare and order angles. Triangles. Quadrilaterals. Lines of symmetry. Complete a symmetric figure. Geometry: Position and Direction <ul style="list-style-type: none"> Describe position. Draw on a grid. Move on a grid. Describe a movement on a grid
Science	Sound Identify how sound is made Find patterns with pitch and volume	Living Things Recognise living things can be grouped and environments can be changed Explore and use classification keys			Teeth Identify the different types of teeth in humans and their simple functions	Animals including Humans Describe digestive systems

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	Recognise how sound travels					
History	<p>WWII</p> <p>A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066</p> <p>Use terms related to the period and begin to date events</p> <p>Look for links and effects in time studied</p> <p>Use evidence to build up a picture of a past event</p>	<p>Local History</p> <p>A local history study – Significant events and people</p> <p>Place events from period studied on time line</p> <p>Identify key features and events of time studied</p> <p>Begin to evaluate the usefulness of different sources</p>			<p>Romans</p> <p>Romanisation of Britain-impact of technology, culture, beliefs and legacy</p> <p>Understand more complex terms eg BC/AD</p> <p>Use evidence to reconstruct life in time studied</p> <p>Choose relevant material to present a picture of one aspect of life in time past</p>	
	Geography			<p>Russia</p> <p>Locate the world's countries, using maps to focus on Europe</p> <p>Understand geographical similarities and differences</p> <p>Use maps, atlases and globes to locate countries</p>	<p>Amazon Rainforests</p> <p>Use the eight points of a compass</p> <p>Use fieldwork to observe, measure, record and present human and physical features</p> <p>Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts</p>	<p>Volcanoes and Earthquakes</p> <p>Identify the position and significance of longitude and latitude</p> <p>Understand geographical similarities and differences</p> <p>Describe and understand key aspects of physical geography (volcanoes)</p> <p>Describe and understand key aspects of human geography</p> <p>Use maps and atlases</p> <p>Describe and understand key aspects of physical geography including volcanoes and earthquakes, looking at plate tectonics and the ring of fire</p>
RE		How are important events remembered?	How are important events remembered?	What faiths are shared in our country?	What faiths are shared in our country?	How do the Five Pillars guide Muslims?
PSHCE	<p>Relationships</p> <p>Families and friendships Positive friendships, including online</p> <p>Safe relationships Responding to hurtful behaviour; managing confidentiality; recognising risks online</p> <p>Respecting ourselves and others Respecting differences and similarities; discussing difference sensitively</p>		<p>Living in the wider world</p> <p>Belonging to a community What makes a community; shared responsibilities</p> <p>Media literacy and digital resilience How data is shared and used</p> <p>Money and work Making decisions about money; using and keeping money safe</p>		<p>Health and wellbeing</p> <p>Physical health and mental wellbeing Maintaining a balanced lifestyle; oral hygiene and dental care</p> <p>Growing and hanging Physical and emotional changes in puberty; external genitalia; personal hygiene routines; support with puberty</p> <p>Keeping safe Medicines and household products; drugs common to everyday life</p>	

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Art		Cityscapes Use pencils and charcoals to create own cityscape of key Bradford buildings	Wassily Kandinsky Explore Kandinsky's work, experiment with paint and texture to recreate a painting in the style of Kandinsky		Roman Mosaics Explore history, pattern and colours of mosaics and produce own	
DT	Food Tech Soup Understand how to weigh, dice, assemble, cook and blend ingredients, control temperature Understand food hygiene and safety Design packaging			Structures Bird Boxes Cut accurately, select tools, measure and mark out to the nearest mm using mitred edges, join structure		Sewing Money containers Design purses/wallets, cut, measure and join using a variety of stitches-understand need for seam allowance
Computing	Online Safety Hardware Investigations Understand that information put online leaves a digital footprint or trail and that this can aid identity theft To understand the different parts that make up a computer	Writing for Different Audiences To explore how font size and style can affect the impact of a text To use a simulated scenario to produce a written report	Logo Use sequence, selection and repetition in programs	Spreadsheets (Branching databases) Use technology safely and respectfully Design, write and debug programs	Animation Effective Searching To learn about onion skinning in animation To add backgrounds and sounds to animations To use search effectively to find out information	Coding Use technology safely and respectfully Design, write and debug programs Use sequence, selection and repetition in programs
MfL	All around town Name some of the major cities of France; Say and order multiples of ten; Locate some of France's key cities; Vary sentences about asking and giving simple addresses;	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; Follow simple directions to find a place on a map. Give and respond to simple movement/direction instructions; Follow simple directions to find a place on a map	Going Shopping Listen to and respond to topic vocabulary Answer questions using the topic vocabulary 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.	What's the Time Say and write a sentence to tell the time (o'clock); Count in fives to at least 30; Understand and use the terms avant and après; Answer questions about a TV schedule	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.

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PE	<p>Netball</p> <p>Use running, jumping, throwing and catching in isolation and in combination. Play competitive games, modified where appropriate, and apply basic principles suitable for attacking and defending Develop flexibility, strength, technique, control and balance Compare their performances with previous ones and demonstrate improvement to achieve their personal best</p>	<p>Football</p> <p>Use running, jumping, throwing and catching in isolation and in combination. Play competitive games, modified where appropriate, and apply basic principles suitable for attacking and defending Develop flexibility, strength, technique, control and balance Compare their performances with previous ones and demonstrate improvement to achieve their personal best</p>	<p>Gymnastics</p> <p>Develop flexibility, strength, technique, control and balance Compare their performances with previous ones and demonstrate improvement to achieve their personal best</p>	<p>OAA</p> <p>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</p>	<p>Athletics</p> <p>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</p>	<p>Tennis</p> <p>Participate in team games, developing simple tactics for attacking and defending using the tennis racket to balance and hit the ball. Develop basic agility, balance and coordination and begin to apply these in a range of activities.</p>
Music	<p>Mamma Mia</p> <p>Listen and appraise a range of music by Abba To explore and develop a range of musical concepts</p>	<p>Glockenspiel Stage 2</p> <p>Consolidate stage 1 Develop more complex instrumental skills by playing tunes in varying styles To explore and develop a range of musical concepts including composition</p>	<p>Stop</p> <p>Listen and appraise a range of styles of music (Grime, Classical, Bhangra, Tango, Latin, Fusion) To explore and develop a range of musical concepts including pitch and rhythm</p>	<p>Lean on Me</p> <p>Listen and appraise a range of soul/gospel music. To explore and develop a range of musical concepts including pulse and composition</p>	<p>Blackbird</p> <p>Learn about Civil Rights and the development of pop music. To explore and develop a range of musical concepts</p>	<p>Reflect, Rewind and Replay</p> <p>Consolidate various styles of music throughout the year including western classical music To explore and develop a range of musical concepts</p>