



# Burlington Junior School – Year 4 Curriculum Overview



## 2024 – 2025

	AUTUMN TERM		SPRING TERM		SUMMER TERM	
	1 <sup>st</sup> Half	2 <sup>nd</sup> Half	1 <sup>st</sup> Half	2 <sup>nd</sup> Half	1 <sup>st</sup> Half	2 <sup>nd</sup> Half
<b>English</b>	<p><b>The Tin Forest by Helen Ward</b> Character description Diary entry (recount) Setting description</p> <p><b>The Wizard of Oz by L.Frank Baum</b> Instructions Descriptive writing Newspaper article Letter writing</p>	<p><b>Voices in the Park by Anthony Browne</b> Formal letter Short story</p> <p><b>Shackleton’s Journey by William Grill</b> Non-chronological Report Setting description Letter writing Playscript Poetry</p>	<p><b>Ottoline and the Yellow Cat by Chris Riddell</b> Description - characters and settings Recount Short story Letter Poetry</p>	<p><b>Book Week Unit</b> – to be revealed during Book Week by the English Leaders</p> <p><b>Firebird by Saviour Pirotta</b> Persuasive writing Balanced argument Story writing</p> <p><b>The Romans</b> Non-chronological report related to learning in history.</p>	<p><b>Grandpa Chatterji by Jamila Gavin</b> Comparative writing Instructions - recipe Persuasive writing - advert Recount Playscript</p> <p><b>Macavity the Mystery Cat by T.S. Eliot</b> Poetry</p> <p><b>The Bird Crocodile by Aoife Mannix</b> Poetry</p>	<p><b>Fitness Week Writing</b> Non-chronological report</p> <p><b>The Iron Man by Ted Hughes</b> Character and setting description Newspaper report Recount Balanced argument</p>
<b>Maths</b>	<p><b>Place Value:</b></p> <ul style="list-style-type: none"> <li>Numbers to 1000: partitioning, counting, rounding, ordering and comparing</li> <li>Counting in 25s</li> <li>Negative numbers</li> <li>Roman numerals to 100</li> <li>Find 1, 10, 100 and 1000 more or less</li> </ul> <p><b>Addition and Subtraction:</b></p> <ul style="list-style-type: none"> <li>Add and subtract 1s, 10s, 100s and 1000s</li> <li>Add and subtract two 3-digit numbers, add two 4-digit numbers (with and without exchange)</li> <li>Efficient subtraction</li> <li>Estimate answers</li> </ul>	<p><b>Measurement- Area:</b></p> <ul style="list-style-type: none"> <li>What is area?</li> <li>Counting squares</li> <li>Making shapes</li> <li>Comparing area</li> </ul> <p><b>Multiplication and Division:</b></p> <ul style="list-style-type: none"> <li>Multiply and divide by 10 and 100.</li> <li>Multiply by 1 and 0</li> <li>Divide by 1 and itself</li> <li>Multiply and divide by 3, 6, 9 and 7</li> </ul>	<p><b>Multiplication and Division:</b></p> <ul style="list-style-type: none"> <li>11 and 12 times tables</li> <li>Multiply 3 numbers</li> <li>Factor pairs</li> <li>Efficient multiplication</li> <li>Multiply and divide 2 digits by 1 digit</li> <li>Multiply and divide 3 digits by 1 digit</li> </ul> <p><b>Measurement (length and perimeter):</b></p> <ul style="list-style-type: none"> <li>Equivalent lengths - mm and cm and m</li> <li>Kilometres</li> <li>Add and subtract lengths</li> <li>Measure perimeter</li> <li>Perimeter on a grid</li> <li>Perimeter of a rectangle</li> <li>Perimeter of rectilinear shapes</li> </ul>	<p><b>Fractions:</b></p> <ul style="list-style-type: none"> <li>Tenths</li> <li>Equivalent fractions</li> <li>Fractions greater than 1</li> <li>Count in fractions</li> <li>Add and subtract 2 or more fractions</li> <li>Fractions of a set of objects</li> <li>Calculate fractions of a quantity</li> </ul> <p><b>Decimals:</b></p> <ul style="list-style-type: none"> <li>Recognise tenths and hundredths</li> <li>Tenths and hundredths as decimals</li> <li>Tenths on a place value grid and on a number line</li> <li>Divide 1 digit and 2 digits by 10 and 100</li> </ul>	<p><b>Decimals:</b></p> <ul style="list-style-type: none"> <li>Write, compare, order and round decimal numbers</li> <li>Bonds to 10 and 100</li> <li>Halves and quarters</li> </ul> <p><b>Measurement - Money:</b></p> <ul style="list-style-type: none"> <li>Pounds and pence: convert units, estimate</li> <li>Order, add and subtract money</li> <li>Calculate with the four operations, find change</li> </ul> <p><b>Measurement - Time:</b></p> <ul style="list-style-type: none"> <li>Tell the time to the nearest 5 minutes and the nearest minute</li> <li>Using am and pm</li> <li>24 hour clock</li> <li>Units of time</li> <li>Analogue to digital (12 hour and 24 hour)</li> </ul>	<p><b>Geometry - Properties of Shape:</b></p> <ul style="list-style-type: none"> <li>Turns and angles</li> <li>Right angles in shapes</li> <li>Identifying angles</li> <li>Recognise and describe 2D shape</li> <li>Key vocabulary: triangles, quadrilaterals, horizontal and vertical</li> </ul> <p>Lines of symmetry and symmetrical figures</p> <p><b>Statistics:</b></p> <ul style="list-style-type: none"> <li>Interpret charts</li> <li>Comparison, sum and difference</li> <li>Introducing line graphs</li> </ul> <p><b>Geometry - Position and Direction</b></p> <ul style="list-style-type: none"> <li>Describe position</li> <li>Draw and translate on a grid</li> </ul>
<b>Science</b>	<p><b>States of Matter</b> Compare and group materials together, according to whether they are solids, liquids or gases.</p>	<p><b>Animals including Humans: Digestion</b> Describe the simple functions of the basic parts of the human digestive system.</p>	<p><b>Sound</b> Know how sound is made, associating this with vibrations.  Know what happens to sound as it travels from its source to our ears.</p>	<p><b>Electricity</b> Identify common appliances that run on electricity.  Construct a simple series circuit, identifying and naming its basic parts.</p>	<p><b>Living Things and their Habitats: Classification</b> Recognise that living things can be grouped in a variety of ways.  Explore and use classification keys to help group, identify and</p>	<p><b>Consolidation</b> Review and consolidate learning from across Year 3 and Year 4</p>

	<p>Observe that some materials change state when heated or cooled.</p> <p>Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.</p>	<p>Identify the different types of teeth in humans and their simple functions.</p> <p>Construct and interpret a variety of food chains, identifying producers, predators and prey.</p>	<p>Know the correlation between the volume of a sound and the strength of the vibrations that produced it.</p> <p>Know the correlation between pitch and the object producing the sound.</p> <p>Know how the distance from the sound source impacts the volume of a sound.</p>	<p>Identify whether or not a lamp will light in a simple series circuit.</p> <p>Recognise that a switch opens and closes the circuit.</p> <p>Recognise some common conductors and insulators and know the difference between them.</p> <p>Understand how to be safe when using electricity.</p>	<p>name a variety of living things in their local and wider environment.</p> <p>Recognise that environments can change and that this can sometimes pose danger to living things.</p>	
<b>Art</b>	<p><b>Key Skill: Drawing</b>  <b>Outcome:</b> Tin Forest  <b>Medium:</b> Pencil</p>	<p><b>Key Skill: Painting</b>  <b>Outcome:</b> Rangoli  <b>Medium:</b> Batik with paint</p>		<p><b>Key Skill: Sculpture</b>  <b>Outcome:</b> Sporting Figures  <b>Medium:</b> Wire</p>		
<b>Computing</b>	<p><b>Online Safety - Natterhub</b>  Cyber bullying  Online posts  Sharing, changing and copying posts  Screen time limits</p>	<p><b>Photo Editing</b>  Rotate, crop, edit and clone images  Responsibility and copyright</p>	<p><b>Information Technology - Networks and the Internet</b>  World Wide Web  Reliability of Information Networks</p>	<p><b>Computer Science</b>  Micro:bit Coding  Outputs and Variables  Repetition and loops</p>	<p><b>Computer Science</b>  Scratch and Computational Thinking (algorithms)  Repetition in Games  Repetition and Loops</p>	<p><b>Video Editing</b>  Recording, editing, evaluating video content for a particular purpose</p>
<b>Design and Technology</b>		<p><b>Structures (S.T.E.M. Week):</b>  Bridges</p>	<p><b>Mechanical Systems (levers):</b>  Catapult games</p>		<p><b>Electronic Systems and Control:</b>  Steady hand games (with Micro:bit)</p>	<p><b>Cooking and Nutrition:</b>  Fruit Kebabs (seasonality)</p>
<b>French</b>	<p><b>La Phonétique</b> / Phonics &amp; Pronunciation</p> <p><b>Je Me Présente</b> / Presenting Myself</p> <p><b>Joyeux Noël</b> / Merry Christmas</p>		<p><b>La Famille</b> / Family</p> <p><b>En Classe</b> / In the Classroom</p>		<p><b>Chez Moi</b> / At Home</p> <p><b>Consolidation</b></p>	
<b>Geography</b>	<p><b>Climate Zones and Biomes</b>  Climate zones in the UK and around the world  Climate graphs and data  Biomes in the UK and around the world  Climate change and impact on biomes</p> <p><b>Key Questions:</b>  What is the relationship between climate zones and biomes?  Which climate zone is the UK in?  What does data tell us about climate?</p>	<p><b>The Arctic Circle</b>  Locating countries in the Arctic Circle  Latitude and Longitude  Biomes  Sustainability</p> <p><b>Key Questions:</b>  Why is the Arctic Circle significant to our world?  How are polar regions similar and different to one another?  What might the Arctic be like in 2050?</p>				<p><b>Trading Links: A Global Fruit Salad</b>  Locating countries around the world  Geographical reasons for importing food - tropics, climate, Equator  Trade links (fair trade)</p> <p><b>Key Questions:</b>  How many countries does it take to make a fruit salad?  Why do countries import their food?  How do climate zones affect people differently?</p>

<b>History</b>			<b>The Romans: Empire and Power</b>  <b>Enquiry Question:</b> Why was the Roman Empire so powerful?	<b>The Romans: Impact on Britain</b>  <b>Enquiry Question:</b> Was the Roman conquest positive for Britain?	<b>Ancient Egypt</b>  <b>Enquiry Question:</b> Why are the Ancient Egyptians still remembered today?	
<b>Music</b>	<b>Musical Instruments</b> Ukulele Staff Notation	<b>Musical Instruments</b> Ukulele Staff Notation <b>Singing and Performance</b> Voices Christmas	<b>Charanga: Stop!</b> Voices Listening, performance, composition, songwriting	<b>Charanga: Mamma Mia</b> Voices Listening, singing, performance, composition, improvisation	<b>Charanga: Blackbird</b> Voices and Instruments Listening, performance, improvisation	<b>Composition Project</b> Body Percussion Listening, improvising, performance
<b>P.E.</b>	<u>Outdoor:</u> Invasion Games: Hockey or Football  <u>Indoor:</u> Swimming Target Games: Dodgeball	<u>Outdoor:</u> Invasion Games: Hockey or Football  <u>Indoor:</u> Swimming Target Games: Dodgeball	<u>Outdoor:</u> Invasion Games: Netball, or Target Games: Golf  <u>Indoor:</u> Swimming Target Games: Dodgeball	<u>Outdoor:</u> Invasion Games: Netball, or Target Games: Golf  <u>Indoor:</u> Swimming Target Games: Dodgeball	<u>Outdoor one:</u> Dance: Country Dance  <u>Outdoor two:</u> Net and Racket Sport: Tennis Top-up swimming	<u>Outdoor one:</u> Striking and Fielding: Rounders  <u>Outdoor two:</u> Athletics Top-up swimming
<b>PSHE</b>	<b>Transition Lessons - Welcome to Year 4</b> Making new friends Working as a team  <b>Being Me in My World</b>  <b>Key Themes:</b> Becoming a class 'team' (attitudes) Being a school citizen Rights, responsibilities and democracy (school council) Rewards and consequences (feelings and empathy) Understand how groups come together to make decisions	<b>Celebrating Differences</b>  <b>Key Themes:</b> Judging by appearances Understanding influences Understanding bullying (identifying bullying) Problem solving (what to do when bullying occurs) How am I special and unique? First impressions and how they change	<b>Dreams and Goals</b>  <b>Key Themes:</b> Hopes and dreams Broken dreams Overcoming disappointment Creating new dreams Achieving goals (individually and as part of a group) Identifying the contributions of others in achieving a goal.	<b>Healthy Me</b>  <b>Key Themes:</b> My friends and me (friendship groups) Group dynamics Smoking (its effects on health) Alcohol (facts and its effects on health) Healthy friendships (resisting pressure) Celebrating my inner strength	<b>Relationships</b>  <b>Key Themes:</b> Jealousy Love and loss Memories Getting on and falling out Girlfriends and boyfriends Celebrating my relationships with people and animals	<b>Changing Me</b>  <b>Key Themes:</b> Unique me Having a baby (parts of the body) Girls and puberty Menstruation Circles of change Accepting change Looking ahead to Year 5
<b>R.E.</b>	<b>Christianity</b> – What is the “Trinity” and why is it important for Christians?	<b>Hinduism</b> – What do Hindus believe God is like?	<b>Hinduism</b> – What does it mean to be Hindu in Britain today?	<b>Christianity</b> – Why do Christians remember the events of Holy Week every year?	<b>Christianity</b> – For Christians, when Jesus left, what was the impact of Pentecost?	<b>All faiths and Non-Religions</b> – How and why do people mark the significant events of life?
<b>Enrichment: Trips, Visits and Visitors and Outdoor Learning</b>		<b>R.E.</b> - Diwali Dance Workshop	<b>History</b> - Roman Day (in school)	<b>Art</b> - Tate Modern Visit (sculpture)	<b>History</b> - Egyptian Day (in school)	