



Burlington Junior School – Year 4 Curriculum Overview



2023 – 2024

	AUTUMN TERM		SPRING TERM		SUMMER TERM	
	1 st Half	2 nd Half	1 st Half	2 nd Half	1 st Half	2 nd Half
English	<p>The Tin Forest by Helen Ward Character description Diary entry (recount) Setting description</p> <p>The Wizard of Oz by L.Frank Baum Instructions Descriptive writing Newspaper article Letter writing</p>	<p>Voices in the Park by Anthony Browne Formal letter Short story</p> <p>Shackleton’s Journey by William Grill Non-chronological Report Setting description Letter writing Playscript Poetry</p>	<p>Ottoline and the Yellow Cat by Chris Riddell Description - characters and settings Recount Short story Letter Poetry</p>	<p>Book Week Unit – to be revealed during Book Week by the English Leaders</p> <p>Firebird by Saviour Pirotta Persuasive writing Balanced argument Story writing</p> <p>The Romans Non-chronological report related to learning in history.</p>	<p>Grandpa Chatterji by Jamila Gavin Comparative writing Instructions - recipe Persuasive writing - advert Recount Playscript</p> <p>The Raven by Edgar Allen Poe Recount - different points of view Poetry Story writing</p>	<p>Fitness Week Writing Non-chronological report</p> <p>The Iron Man by Ted Hughes Character and setting description Newspaper report Recount Balanced argument</p>
Maths	<p>Place Value:</p> <ul style="list-style-type: none"> Numbers to 1000: partitioning, counting, rounding, ordering and comparing Counting in 25s Negative numbers Roman numerals to 100 Find 1, 10, 100 and 1000 more or less <p>Addition and Subtraction:</p> <ul style="list-style-type: none"> Add and subtract 1s, 10s, 100s and 1000s Add and subtract two 3-digit numbers, add two 4-digit numbers (with and without exchange) Efficient subtraction Estimate answers 	<p>Measurement- Area:</p> <ul style="list-style-type: none"> What is area? Counting squares Making shapes Comparing area <p>Multiplication and Division:</p> <ul style="list-style-type: none"> Multiply and divide by 10 and 100. Multiply by 1 and 0 Divide by 1 and itself Multiply and divide by 3, 6, 9 and 7 	<p>Multiplication and Division:</p> <ul style="list-style-type: none"> 11 and 12 times tables Multiply 3 numbers Factor pairs Efficient multiplication Multiply and divide 2 digits by 1 digit Multiply and divide 3 digits by 1 digit <p>Measurement (length and perimeter):</p> <ul style="list-style-type: none"> Equivalent lengths - mm and cm and m Kilometres Add and subtract lengths Measure perimeter Perimeter on a grid Perimeter of a rectangle Perimeter of rectilinear shapes 	<p>Fractions:</p> <ul style="list-style-type: none"> Tenths Equivalent fractions Fractions greater than 1 Count in fractions Add and subtract 2 or more fractions Fractions of a set of objects Calculate fractions of a quantity <p>Decimals:</p> <ul style="list-style-type: none"> Recognise tenths and hundredths Tenths and hundredths as decimals Tenths on a place value grid and on a number line Divide 1 digit and 2 digits by 10 and 100 	<p>Decimals:</p> <ul style="list-style-type: none"> Write, compare, order and round decimal numbers Bonds to 10 and 100 Halves and quarters <p>Measurement - Money:</p> <ul style="list-style-type: none"> Pounds and pence: convert units, estimate Order, add and subtract money Calculate with the four operations, find change <p>Measurement - Time:</p> <ul style="list-style-type: none"> Tell the time to the nearest 5 minutes and the nearest minute Using am and pm 24 hour clock Units of time Analogue to digital (12 hour and 24 hour) 	<p>Geometry - Properties of Shape:</p> <ul style="list-style-type: none"> Turns and angles Right angles in shapes Identifying angles Recognise and describe 2D shape Key vocabulary: triangles, quadrilaterals, horizontal and vertical <p>Lines of symmetry and symmetrical figures</p> <p>Statistics:</p> <ul style="list-style-type: none"> Interpret charts Comparison, sum and difference Introducing line graphs <p>Geometry - Position and Direction</p> <ul style="list-style-type: none"> Describe position Draw and move on a grid
Science	<p>States of Matter Compare and group materials together, according to whether they are solids, liquids or gases.</p> <p>Observe that some materials change state when heated or cooled.</p>	<p>Animals including Humans: Digestion Describe the simple functions of the basic parts of the human digestive system.</p> <p>Identify the different types of teeth in humans and their simple functions.</p>	<p>Sound Know how sound is made, associating this with vibrations.</p> <p>Know what happens to sound as it travels from its source to our ears.</p> <p>Know the correlation between the volume of a sound and the</p>	<p>Electricity Identify common appliances that run on electricity.</p> <p>Construct a simple series circuit, identifying and naming its basic parts.</p>	<p>Living Things and their Habitats: Classification Recognise that living things can be grouped in a variety of ways.</p> <p>Explore and use classification keys to help group, identify and name a variety of living things</p>	<p>Consolidation Review and consolidate learning from across Year 3 and Year 4</p>

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

History			The Romans: Empire and Power Enquiry Question: Why was the Roman Empire so powerful?	The Romans: Impact on Britain Enquiry Question: Was the Roman conquest positive for Britain?	Ancient Egypt Enquiry Question: Why are the Ancient Egyptians still remembered today?	
Music	Musical Instruments Ukulele Staff Notation	Musical Instruments Ukulele Staff Notation Singing and Performance Voices Christmas	Charanga: Stop! Voices Listening, performance, composition, songwriting	Charanga: Mamma Mia Voices Listening, singing, performance, composition, improvisation	Charanga: Blackbird Voices and Instruments Listening, performance, improvisation	Composition Project Body Percussion Listening, improvising, performance
P.E.	<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> Athletics	<u>Outdoor one:</u> Striking and Fielding: Rounders <u>Outdoor two:</u> Net and Racket Sport: Tennis
PSHE	Being Me in My World Key Themes: 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	Celebrating Differences Key Themes: 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	Dreams and Goals Key Themes: 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.	Healthy Me Key Themes: 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	Relationships Key Themes: Jealousy Love and loss Memories Getting on and falling out Girlfriends and boyfriends Celebrating my relationships with people and animals	Changing Me Key Themes: Unique me Having a baby (parts of the body) Girls and puberty Menstruation Circles of change Accepting change Looking ahead to Year 5
R.E.	Christianity – What is the “Trinity” and why is it important for Christians?	Hinduism – What do Hindus believe God is like?	Hinduism – What does it mean to be Hindu in Britain today?	Christianity – Why do Christians remember the events of Holy Week every year?	Christianity – For Christians, when Jesus left, what was the impact of Pentecost?	All faiths and Non-Religions – How and why do people mark the significant events of life?
Enrichment: Trips, Visits and Visitors and Outdoor Learning			History - Roman Day (in school)	Art - Tate Modern Visit (sculpture)	History - Egyptian Day (in school)	Science - Sayers Croft (plants, habitats) P.E. - Sayers Croft/Non-Sayers Croft (outdoor adventurous activities)