



Burlington Junior School – Year 4 Curriculum Overview



2021 – 2022

	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 Setting description Play script</p> <p>The Wizard of Oz by L.Frank Baum Character description Setting description Newspaper report Short story Diary entry</p>	<p>Voices in the Park by Anthony Browne Character description Formal letter Setting description</p> <p>Shackleton’s Journey by William Grill Recounts Writing a C.V. Non-chronological Report Poetry</p>	<p>Ottoline and the Yellow Cat by Chris Riddell Character descriptions Short story Newspaper article Poetry Changing a viewpoint</p>	<p>Firebird by Saviour Pirota Descriptive advice to a character Diary entries Character dialogue</p> <p>Book Week Unit – to be revealed during Book Week by the English Leaders</p>	<p>Grandpa Chatterji by Jamila Gavin Character description Play script Blurb</p>	<p>The Raven by Edgar Allen Poe Diary entry Letters</p> <p>The Iron Man by Ted Hughes Character and setting description Letters Instruction</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 (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>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>Area:</p> <ul style="list-style-type: none"> What is area? Counting squares Making shapes Comparing area 	<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>Statistics:</p> <ul style="list-style-type: none"> Interpret charts Comparison, sum and difference Introducing line graphs <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 Lines of symmetry and symmetrical figures <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 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>Construct and interpret a variety of food chains,</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>Identify whether or not a lamp will light in a simple series circuit.</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>Living Things and their Habitats 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 in their local and wider environment.</p>	<p>Revision and Investigations</p> <ol style="list-style-type: none"> States of Matter Animals including humans Electricity Sound Living Things and their habitats

	Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.	identifying producers, predators and prey.	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.	strength of the vibrations that produced it. Know the correlation between pitch and the object producing the sound.	Recognise that environments can change and that this can sometimes pose danger to living things.	
Art	Drawing and Collage: Investigating tone (The Tin Forest)	Printing: Rangoli Batik	Sculpture: Roman Coin Minting			
Computing	Online Safety Online safety and search	Digital Literacy Blogging and touch typing	Programming Microbit Coding - physical outputs	Computer Networks Networks and the Internet	Programming Scratch and Computational Thinking (algorithms)	Digital Literacy Video Editing and Green Screen
Design and Technology				Mechanical Systems (levers): Catapult games	Electrical Systems: Intruder alarms	Cooking and Nutrition: Fruit Kebabs (seasonality)
French	Core Vocabulary: La Phonétique / Phonics & Pronunciation – Les Légumes / Vegetables	Les Légumes / Vegetables Core Vocabulary: Joyeux Noël / Christmas	Les Romains / The Romans	Je Me Présente / Presenting Myself	En Famille / Family	En Classe / In the Classroom
Geography	Weather: Weather and climate around the world; climate zones Fieldwork - rainfall, cloud cover, wind The Water Cycle	The Arctic Circle Locating countries in the Arctic Circle Latitude and Longitude Biomes Sustainability Enquiry Question: Why is the Arctic Circle so significant to our world?				Trading Links: Locating countries around the world Geographical reasons for importing food - tropics, climate, Equator Trade links (fair trade)
History			The Romans Chronology - BC, AD The Roman Empire and its impact on Britain: invasion, Roman Army, Empire, Life in Roman Britain	The Romans Chronology - BC, AD The Roman Empire and its impact on Britain: invasion, Roman Army, Empire, Life in Roman Britain	Ancient Egypt Chronology - BC, AD and Ancient Civilisations Life in Ancient Egypt: structure of society, beliefs, significant structures (pyramids, tombs)	

			Enquiry Question: Was the Roman conquest positive for Britain?	Enquiry Question: Was the Roman conquest positive for Britain?		
Music	Instruments: Ukulele Charanga: Dancing in the Street	Instruments: Ukulele Singing and Performance: Christmas	Instruments of the orchestra Charanga: Stop!	Charanga: Mamma Mia	Charanga: Blackbird Staff notation	Charanga: Lean on Me
P.E.	<u>Outdoor:</u> Football or Hockey <u>Indoor:</u> Gymnastics: Apparatus	<u>Outdoor:</u> Football or Hockey <u>Indoor:</u> Dance: Country Dancing	<u>Outdoor:</u> Skills: Throwing and catching <u>Indoor:</u> Swimming	<u>Outdoor:</u> Basketball <u>Indoor:</u> Swimming / Yoga	<u>Outdoor one:</u> Athletics <u>Outdoor two:</u> Kwik Cricket <u>Outdoor Adventurous Activities:</u> Sayers Croft Residential - orienteering, team work (raft building)	<u>Outdoor one:</u> Baseball (T-ball) <u>Outdoor two:</u> 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 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		Geography - Virtual Arctic Lessons from the Arctic Research Station		History - Roman Day (in school)	Science - Sayers Croft (food chains, plants) P.E. - Sayers Croft (outdoor adventurous activities) History - Egyptian Day (in school)	