

Blue Gate Fields Junior School: YEAR 3 Curriculum Map 2023-2024

Mathematics	English	Science	PE	Art & Design	Music
<p>Number & Calculation</p> <ul style="list-style-type: none"> Learn 3, 4 & 8 x tables Secure place value to 100 Mentally + & – units, tens & hundreds to numbers of up to 3 digits Number line + & – Solve number problems, including x & simple ÷ & missing number problems Use commutativity to help calculations <p>Geometry + Measurement</p> <ul style="list-style-type: none"> Measure & calculate with metric measures Simple perimeter + & – money in context Use Roman numerals up to XII Tell time; calculate simple time problems Draw/make 2D 3D shapes Identify & use right angles Identify horizontal, vertical, perpendicular & parallel lines <p>Fractions & Decimals</p> <ul style="list-style-type: none"> Use & count in tenths Recognise, find & write fractions Recognise some equivalent fractions Add/subtract fractions up to <1 Order fractions with common denominator <p>Data</p> <ul style="list-style-type: none"> Interpret bar charts & pictograms 	<p>Reading</p> <ul style="list-style-type: none"> Use knowledge to read 'exception' words Read range of fiction & non-fiction Fluency: read consistently with accuracy, automaticity and prosody to enhance meaning and comprehend. Develop vocabulary through a breadth and depth of reading to develop fluent and enthusiastic readers. Read the text consistently with natural rhythm (fluency) Use dictionaries to check meaning Prepare poems & plays to perform Check own understanding of reading Draw inferences & make predictions Retrieve & record information from non-fiction books Discuss reading with others <p>Writing</p> <ul style="list-style-type: none"> Use prefixes & suffixes in spelling Use dictionary to confirm spelling Write simple dictated sentences Use handwriting joins appropriately Plan to write based on familiar forms Rehearse sentences orally for writing Use rich & varied language Create simple setting & plot Assess effectiveness of own & others writing <p>Grammar</p> <ul style="list-style-type: none"> Use range of conjunctions Generate prepositions for clarity Use sentences of different forms Use perfect tense Use range of nouns & pronouns Use time conjunctions Introduce speech punctuation Know language of clauses <p>Speaking & Listening</p> <ul style="list-style-type: none"> Give structured descriptions Participate actively in conversation Listen to others and respond appropriately Consider & evaluate different viewpoints 	<p>Autumn 1</p> <ul style="list-style-type: none"> Rocks and fossils <p>Autumn 2</p> <ul style="list-style-type: none"> Forces & Magnets <p>Spring 1 & 2</p> <ul style="list-style-type: none"> Animals including humans (human body + healthy eating) <p>Summer 1</p> <ul style="list-style-type: none"> Light <p>Summer 2</p> <ul style="list-style-type: none"> Plants 	<p>Autumn 1</p> <ul style="list-style-type: none"> Multi-skills (FMS) Co-operative games <p>Autumn 2</p> <ul style="list-style-type: none"> Gymnastics Fitness <p>Spring 1</p> <ul style="list-style-type: none"> Dodgeball, Handball <p>Spring 2</p> <ul style="list-style-type: none"> Football <p>Summer 1</p> <ul style="list-style-type: none"> Cricket, Rounders <p>Summer 2</p> <ul style="list-style-type: none"> Multi-sports, Athletics 	<ul style="list-style-type: none"> Drawing, colour mixing and collage developing knowledge of landscape, portraiture, the human figure and still life clay – familiarisation of materials, tools and techniques through play vocabulary development; expressive talk to find meaning 	<ul style="list-style-type: none"> Sliding sounds / steps & leaps Strong/weak beats – rhythm patterns Getting louder/quieter Getting faster/slower Quality of instrumental/vocal sounds Melody & accompaniment Question & answer phrases Use voice & instruments with increasing accuracy, control & expression Improvise & compose music Listen with attention to detail Appreciate wide range of live & recorded music Begin to develop understanding of history
<p>Geography</p> <p>Autumn 2</p> <ul style="list-style-type: none"> Volcanoes & Earthquakes <p>Summer 1</p> <ul style="list-style-type: none"> Settlements <p>Summer 2</p> <ul style="list-style-type: none"> Rainforests 	<p>History</p> <p>Autumn 2</p> <ul style="list-style-type: none"> The Greeks <p>Spring 1 & 2</p> <ul style="list-style-type: none"> The Romans in Britain 	<p>PSHE</p> <p>School Council</p> <ul style="list-style-type: none"> BGFJ School's Anti-Bullying Unit <p>Growth Mindset lessons:</p> <ul style="list-style-type: none"> Learning from mistakes Failure Resilience Perseverance Challenge Effort Self-efficacy <p>BGFJ School's Health & Relationship</p> <p>Basic First Aid</p>	<p>Computing</p> <p>Across all terms: Using Technology Safely and responsibly (PHSE/RSE)</p> <p>Autumn Term</p> <ul style="list-style-type: none"> Algorithms and Coding - programming Create and Communicate Finding Information <p>Spring Term</p> <ul style="list-style-type: none"> Algorithms and Coding – computer games Create and Communicate Finding Information <p>Summer Term</p> <ul style="list-style-type: none"> Algorithms and Coding – real world technology Networks and Technology Data Handling 		

Blue Gate Fields Junior School: YEAR 4 Curriculum Map 2023-2024

Mathematics	English	Science	PE	Art & Design	Music				
<p>Number & Calculation</p> <ul style="list-style-type: none"> Learn all x tables to 12x12 Secure place value to 1000 Use negative whole numbers Round numbers to nearest 10,100 or 1000 Use Roman numerals up to 100 C X & ÷ mentally Written column + & – 4 digits Use standard short multiplication <p>Geometry + Measurement</p> <ul style="list-style-type: none"> Compare 2D shapes, including quadrilaterals & triangles Find area by counting squares Calculate rectangle perimeters Estimate & calculate measures Identify acute, obtuse & right angles Identify symmetry Use first quadrant coordinates Introduce simple translations <p>Data</p> <ul style="list-style-type: none"> Use bar charts, line graphs & pictograms <p>Fractions & Decimals</p> <ul style="list-style-type: none"> Recognise tenths & hundredths Identify equivalent fractions + & – fractions with common denominators Recognise common equivalents Round decimals to whole numbers Solve money problems 	<p>Reading</p> <ul style="list-style-type: none"> Secure decoding of unfamiliar words Read for a range of purposes Retell some stories orally Discuss words & phrases that capture the imagination Fluency: read consistently with accuracy, automaticity and prosody to enhance meaning and comprehend. Develop vocabulary through a breadth and depth of reading to develop fluent and enthusiastic readers. Read the text consistently with natural rhythm (fluency) Identify themes & conventions Skim and scan Retrieve & record information Make inferences & justify predictions Recognise a variety of forms of poetry Identify & summarise ideas <p>Writing</p> <ul style="list-style-type: none"> Correctly spell common homophones Increase regularity of handwriting Plan writing based on familiar forms Organise writing into paragraphs Use simple organisational devices Proof read for spelling & punctuation errors Evaluate own & others writing Read own writing aloud <p>Grammar</p> <ul style="list-style-type: none"> Use wider range of conjunctions Use perfect tense appropriately Select pronouns & nouns for clarity Use & punctuate direct speech Use commas after front adverbials Vary sentence structure for impact Use commas to mark clauses <p>Speaking & listening</p> <ul style="list-style-type: none"> Articulate & justify opinions Speak audibly in Standard English Gain, maintain & monitor interest of listeners 	<p>Autumn 1</p> <ul style="list-style-type: none"> Food, Digestion & Teeth <p>Autumn 2</p> <ul style="list-style-type: none"> Electricity <p>Spring 1</p> <ul style="list-style-type: none"> Materials changing state <p>Spring 2</p> <p>Sound</p> <p>Summer 1 & 2</p> <ul style="list-style-type: none"> Grouping living things: Habitat, Food chains 	<p>Autumn 1</p> <p>Hockey</p> <p>Autumn 2</p> <p>Football</p> <p>Spring 1</p> <p>Gymnastics, Fitness</p> <p>Spring 2</p> <p>Cricket</p> <p>Summer 1</p> <p>Tennis</p> <p>Summer 2</p> <p>Muti-sport</p> <p>Athletics</p>	<ul style="list-style-type: none"> Drawing, colour mixing and collage Develop knowledge of landscape, portraiture, the human figure & still life clay – expansion of materials, tools and techniques through press moulding and slab construction vocabulary development; expressive talk to find meaning and make links <p>Design Technology</p> <ul style="list-style-type: none"> frame structures and textiles food technology and sustainability circuits and switches Generate ideas, considering purpose/user Use simple graphical communication Plan: equipment and processes Select tools – use them safely Measure, mark, cut, join accurately Evaluate progress – test ideas Use language structures, precise vocabulary and evaluative talk Apply rules for food hygiene & safety 	<p>As Year 3 & including:</p> <ul style="list-style-type: none"> Steps/leaps in melodies Groups of beats Strong contrast Varying/exploring tempo Repetition Use voice & instruments with increasing accuracy, control & expression Improvise & compose music Listen with attention to detail Appreciate wide range of live & recorded music Being to develop understanding of history 				
						MFL	PSHE	Computing	RE
						Geography	History	under review	<p>School Council</p> <ul style="list-style-type: none"> BGFJ School’s Anti-Bullying Unit <p>Growth Mindset lessons:</p> <ul style="list-style-type: none"> Learning from mistakes Failure Resilience Perseverance Challenge Effort Self-efficacy <p>BGFJ School’s Health & Relationship</p> <p>Basic First Aid</p>

Blue Gate Fields Junior School: YEAR 5 Curriculum Map 2023-2024

Mathematics	English	Science	PE	Art & Design	Music
<p>Number & Calculation</p> <ul style="list-style-type: none"> Secure place value to 1,000,000 Use negative whole numbers in context Use Roman numerals up to 1000 M Use standard written methods for all four operations Confidently + & – mentally Use vocab of prime, factor & multiple X & ÷ by powers of 10 Use square & cube numbers <p>Fractions</p> <ul style="list-style-type: none"> Compare & order + & – fractions with common denominators, with mixed numbers convert between mixed and improper fractions Multiply fractions by units Write decimals as fractions Order & round decimals Link percentages to decimals & fractions <p>Geometry + Measurement</p> <ul style="list-style-type: none"> Convert between different units Calculate perimeter of composite shapes & areas of rectangles Estimate volume & capacity Identify 3D shapes Measure & identify angles Understand regular polygons Reflect & translate shapes <p>Data</p> <ul style="list-style-type: none"> Interpret tables/line graphs Solve questions about line graphs 	<p>Reading</p> <ul style="list-style-type: none"> Apply knowledge of morphology & etymology when reading new words Reading & discuss a broad range of genres & texts Fluency: read consistently with accuracy, automaticity and prosody to enhance meaning and comprehend Combine intonation with appropriate phrasing to help readers comprehend and enhance meaning. Read silently, with good understanding, inferring the meanings of unfamiliar words. Read consistently with fluency and accurate phrasing, attending to punctuation to enhance meaning and inform intonation. Read with increasing speed and stamina Identifying & discussing themes Make recommendations to others Learn poetry by heart Draw references & make predictions Discuss authors' use of language Retrieve & present information from non – fiction texts. Formal presentation & debates <p>Writing</p> <ul style="list-style-type: none"> Secure spelling, including homophones, prefix, silent letters Use a thesaurus Legible, fluent handwriting Plan writing to suit audience & purpose Develop character, setting & atmosphere in narrative Use organisational & presentational features Use consistent appropriate tense Proof reading Perform own composition <p>Grammar</p> <ul style="list-style-type: none"> Use expanded noun phrases Use modal & passive verbs Use relative clauses Use commas for clauses Use brackets, dashes & commas for parenthesis <p>Speaking & listening</p> <ul style="list-style-type: none"> Give well-structured explanations Command of Standard English Consider/evaluate different viewpoints Adapt spoken language to the audience, purpose and context Use appropriate register 	<p>Autumn 1 + 2 Properties and material changes</p> <p>Spring 1 Earth and space</p> <p>Spring 2 Forces</p> <p>Summer 1 & 2 Living things and their habitats</p> <p>MFL</p> <p>under review</p>	<p>Autumn 1 Handball</p> <p>Autumn 2 Hockey</p> <p>Spring 1 Badminton</p> <p>Spring 2 Volleyball</p> <p>Summer 1 Cricket</p> <p>Summer 2 Multi-sports Athletics</p>	<ul style="list-style-type: none"> Drawing, colour mixing and collage developing knowledge of landscape, portraiture, the human figure and still life clay – expansion of materials, use of tools and techniques - press moulding, slab construction to build shape and character vocabulary development; expressive and analytical talk to find meaning <p>Design Technology</p> <ul style="list-style-type: none"> Levers, pulleys, cams and gears food technology – seasonality and sustainability Investigate, generate ideas and purpose Create design specifications for evaluations and quality of finish Plan processes; prepare for failure Select and use tools safely and correctly Measure, mark, cut out accurately Basic food hygiene and safety rules Evaluate personally and collaboratively Use technical language structures, precise vocabulary and evaluative talk 	<p>As Year 3 & 4 & including</p> <ul style="list-style-type: none"> Melodic patterns Metre in 2,3, & 4 Dynamic markings Compare/respond to tempo Individual instrumental sounds/ families Layers of rhythm & melody Ostinato/Rounds Perform with control & expression solo & in ensembles Improvise & compose using dimensions of music Listen to detail, recall aurally Use & understand basics of staff notation Develop an understanding of the history of music, including great musicians & composers <p>RE</p> <p>Tower Hamlets Agreed Syllabus</p> <p>Pupils will be taught knowledge, skills & understanding through learning about Christians, Muslims, Hindus & Jewish people. Pupils may also encounter other religions & world views in thematic units.</p> <p>Believing: Why do some people think God exists? <i>Christianity and non-religious responses (e.g. Humanists)</i></p> <p>Expressing: If God is everywhere, why go to a place of worship? <i>Christianity, Hinduism /Judaism</i></p> <p>Living: What does it mean to be Muslim in Britain today? <i>Religions to explore: Islam</i></p> <p>Whole School Unit: What does religion teach about Right and Wrong? Refer to Progression document</p>
			PSHE	Computing	
			<p>School Council</p> <ul style="list-style-type: none"> BREE Project Y5 <p>Growth Mindset lessons</p> <ul style="list-style-type: none"> Learning from mistakes Failure Resilience Perseverance Challenge Effort Self-efficacy BGFJ School's Puberty <p>Basic First Aid</p>	<p>Across all terms: Using Technology Safely and responsibly (PHSE/RSE)</p> <p>Condensed version blocked over 1 term</p> <ul style="list-style-type: none"> Staying Safe Online Algorithms and Coding – conditional statements Algorithms and Coding – programming & debugging Algorithms and Coding – variables, computer games, interactivity Create and Communicate – flow charts Finding Information online - search tools Create and Communicate Data Handling – creating graphs and tables Networks and Technology – computer networks 	
Geography	History				
<p>Autumn 1 & 2</p> <ul style="list-style-type: none"> Comparing UK with Spain and Brazil <p>Summer 1</p> <ul style="list-style-type: none"> Climate change 	<p>Spring 1 & 2</p> <ul style="list-style-type: none"> Ancient Egyptians <p>Summer 2</p> <ul style="list-style-type: none"> The British Empire 				

Blue Gate Fields Junior School: YEAR 6 Curriculum Map 2023-2024

Mathematics	English	Science	PE	Art & Design	Music
<p>Number/ Calculation</p> <ul style="list-style-type: none"> secure place value & rounding to 10,000,000 including negatives all written methods, including long division use order of operations identify factors, multiples & primes solve multi-step number problems <p>Algebra</p> <ul style="list-style-type: none"> introduce simple use of unknowns <p>Geometry + Measurement</p> <ul style="list-style-type: none"> use a range of measures & conversions calculate area of triangles/parallelograms use area & volume formulas classify shapes by properties know & use angles rules translate & reflect shapes, using all four quadrants <p>Data</p> <ul style="list-style-type: none"> use pie charts calculate mean averages <p>Fractions Decimals Percentages</p> <ul style="list-style-type: none"> compare & simplify fractions use equivalences to add fractions multiply simple fractions divide fractions by whole numbers solve problems using decimals & percentages use written division up to 2 decimal places introduce ratio & proportion 	<p>Reading</p> <ul style="list-style-type: none"> Read a broad range of genres Fluency: read consistently with accuracy, automaticity and prosody to enhance meaning and comprehend Combine intonation with appropriate phrasing to help readers comprehend and enhance meaning. Read silently, with good understanding, inferring the meanings of unfamiliar words. Read consistently with fluency and accurate phrasing, attending to punctuation to enhance meaning and inform intonation. Read with increasing speed and stamina Use body language, facial expression, tone, pitch, volume to engage the listener Hears a range of voices throughout the text which enhances characterisation and meaning Recommend books to others Make comparisons within/across books Support inferences with evidence Summarising key points from texts Identify how language, structure, etc. contribute to meaning Discuss use of language, including figurative Discuss & explain reading, providing reasoned justifications for views <p>Writing</p> <ul style="list-style-type: none"> Use knowledge of morphology & etymology in spelling Develop legible personal handwriting style Plan writing to suit audience & purpose; use models of writing Develop character & setting in narrative Select grammar & vocabulary for effect Use a wide range of cohesive devices Ensure grammatical consistency <p>Grammar</p> <ul style="list-style-type: none"> Use appropriate register / style Use passive voice for purpose Use devices to build cohesion Use features to convey & clarify meaning Use full punctuation Use language of subject/object <p>Speaking & listening</p> <ul style="list-style-type: none"> Use questions to build knowledge Articulate arguments & opinions Use spoken language to speculate, hypothesis & explore 	<p>Autumn 1 Electricity</p> <p>Autumn 2 Classification of plants, animals & micro-organism</p> <p>Spring 1 Human circulation & transportation of water & nutrients.</p> <p>Digestion, diet & healthy lifestyle</p> <p>Spring 2 Evolution & inheritance</p> <p>Summer 1 and 2 Light & how we see objects</p>	<p>Autumn 1 Tag Rugby</p> <p>Autumn 2 Handball</p> <p>Spring 1 Volleyball</p> <p>Spring 2 Badminton</p> <p>Summer 1 Rounders</p> <p>Summer 2 Multi-sports Athletics</p>	<ul style="list-style-type: none"> Drawing, colour mixing and collage developing knowledge of landscape, portraiture, the human figure and still life, realism and abstraction clay –refining the use of materials, tools and techniques through press moulding, slab construction to build shape and character vocabulary development; expressive and analytical talk to find meaning 	<p>As previous years & including</p> <ul style="list-style-type: none"> Scale patterns Uneven/even rhythms Differing levels of volume/accents Full range of tempo The effect of specific sounds Blocks of sound/chords Simple forms (AB/ABA) Perform with control & expression solo & in ensembles Improvise & compose using dimensions of music Listen to detail, recall aurally Use & understand basics of staff notation <p>Develop an understanding of the history of music, including great musicians & composers</p>
<p>Geography</p>	<p>History</p>		<p>PSHE</p>	<p>Computing</p>	
<p>Spring 1 & 2</p> <ul style="list-style-type: none"> The Himalayas 	<p>Autumn 1 Changes in Children’s rights The</p> <p>Autumn 2 Ancient Maya</p> <p>Summer 1 & 2 World War II</p>		<p>School Council</p> <ul style="list-style-type: none"> BGFJ School’s Equality Act Unit Y6 <p>Growth Mindset lessons</p> <ul style="list-style-type: none"> Learning from mistakes Failure Resilience Perseverance Challenge Effort Self-efficacy <p>BGFJ School’s Health & Relationship</p>	<p>Across all terms: Using Technology Safely and responsibly (PHSE/RSE)</p> <p>Condensed version blocked over 1 term</p> <ul style="list-style-type: none"> Staying Safe Online Algorithms and Coding – conditional commands, programming & debugging, computer game interactivity & feedback, text-based coding Create and Communicate – using graphical tools to create diagrams, media elements Finding Information – comparing search tools Data Handling – using a database Networks and Technology – what is the internet? 	