

Curriculum Overview for Years 1 - 6

Curriculum Overview for Key Stage 1

Curriculum Overview for Key Stage 1					
English Year 1			English Year 2		
Reading	Writing	Grammar	Reading	Writing	Grammar
<ul style="list-style-type: none"> • Match graphemes for all phonemes • Read accurately by blending sounds • Read words with very common suffixes • Read contractions & understand purpose • Read phonics books aloud • Link reading to own experiences • Join in with predictable phrases • Discuss significance of title & events • Make simple Predictions 	<ul style="list-style-type: none"> • Name letters of the alphabet • Spell very common 'exception' words • Spell days of the week • Use very common prefixes & suffixes • Form lower case letters correctly • Form capital letters & digits • Compose sentences orally before writing • Read own writing to peers or teachers 	<ul style="list-style-type: none"> • Leave spaces between words • Begin to use basic punctuation: . ? ! • Use capital letters for proper nouns. • Use common plural & verb suffixes <p style="text-align: center;">Speaking & Listening</p> <ul style="list-style-type: none"> • Listen & respond appropriately • Ask relevant questions • Maintain attention & participate 	<ul style="list-style-type: none"> • Develop phonics until decoding secure • Read common suffixes • Read & re-read phonic-appropriate books • Read common 'exception' words • Discuss & express views about fiction, non-fiction & poetry • Become familiar with & retell stories • Ask & answer questions; make predictions • Begin to make inferences 	<ul style="list-style-type: none"> • Spell by segmenting into phonemes • Learn to spell common 'exception' words • Spell using common suffixes, etc. • Use appropriate size letters & spaces • Develop positive attitude & stamina for writing • Begin to plan ideas for writing • Record ideas sentence-by-sentence • Make simple additions & changes after proof-reading 	<ul style="list-style-type: none"> • Use . ! ? , and ' • Use simple conjunctions • Begin to expand noun phrases • Use some features of standard English <p style="text-align: center;">Speaking & Listening</p> <ul style="list-style-type: none"> • Articulate & Justify answers • Initiate & respond to comments • Use spoken language to develop understanding.

Curriculum Overview for Years 1 - 6

Curriculum Overview for Key Stage 1

<p>Art & Design</p> <ul style="list-style-type: none"> • Use a range of materials • Use drawing, painting and sculpture • Develop techniques of colour, pattern, texture, line, shape, form and space • Learn about range of artists, craftsmen and designers 	<p>Computing</p> <ul style="list-style-type: none"> • Understand use of algorithms • Write & test simple programs • Use logical reasoning to make predictions • Organise, store, retrieve & manipulate data • Communicate online safely and respectfully • Recognise uses of IT outside of school 	<p>Design & Technology</p> <ul style="list-style-type: none"> • Design purposeful, functional & appealing products • Generate, model & communicate ideas • Use range of tools & materials to complete practical tasks • Evaluate existing products & own ideas • Build and improve structure & mechanisms
<p>Cooking & Nutrition</p> <ul style="list-style-type: none"> • Understand where food comes from • Use the basic principles of a healthy and varied diet to prepare dishes 	<p>History</p> <p>Key Concepts</p> <ul style="list-style-type: none"> • Changes in living memory (linked to aspects of national life where appropriate) <p>Key Individuals</p> <ul style="list-style-type: none"> • Lives of significant historical figures, including comparison of those from different periods • Significant local people <p>Key Events</p> <ul style="list-style-type: none"> • e.g. Bonfire night • Events of local importance 	<p>Religious Education</p> <p>Continue to follow locally- agreed syllabus for RE supported by the International Primary Curriculum.</p>
<p>Geography</p> <ul style="list-style-type: none"> • Name & locate the four countries and capital cities of the United Kingdom using atlases & globes • Name & locate world's continents and oceans. • Compare local area to a non-European country. • identify seasonal / daily weather patterns in the UK and the location of hot and cold areas of the world • Use basic geographical vocabulary to refer to local & familiar features • Use basic vocabulary to describe a less familiar area. • Use four compass directions & simple vocab • Use simple fieldwork and observational skills to study the immediate environment. 		

Curriculum Overview for Years 1 - 6

Curriculum Overview for Year 1

Science	Physical Education	Music
<p>Biology</p> <ul style="list-style-type: none">• Identify basic plants• Identify basic plant parts (roots, leaves, flowers, etc.)• Identify & compare common animals• Identify & name basic body parts• Differentiate living, dead and non-living• Growing plants (water, light & warmth)• Basic needs of animals & offspring• Simple food chains & habitats <p>Chemistry</p> <ul style="list-style-type: none">• Distinguish between objects & materials• Identify & name common materials• Describe simple properties of some materials• Compare & classify materials• Identify and compare uses of different materials• Compare how things move on different surfaces <p>Physics</p> <ul style="list-style-type: none">• Sources of light; shadows & reflections• Observe weather associated with changes of season	<ul style="list-style-type: none">• Master basic movement, e.g. running, jumping, throwing, catching, balance, agility and co-ordination• Participate in team games• Perform dances using simple movement	<ul style="list-style-type: none">• Sing songs• Play tuned & un-tuned instruments musically• Listen & understand live and recorded music• Make and combine sounds musically

Modern Languages

Although currently not required at KS1 provision will be made within the International Primary Curriculum for pupils to acquire an understanding of different cultures as a platform for the KS2 curriculum. Provision will also be made for MFL in an assembly once a week.

Curriculum Overview for Years 1 - 6

Curriculum Overview for Key Stage 1

Curriculum Overview for Key Stage 1			
Mathematics Year 1		Mathematics Year 2	
<p style="text-align: center;">Number/Calculation</p> <ul style="list-style-type: none"> • Count to / across 100 • Count in 1s, 2s, 5s and 10s • Identify 'one more' and 'one less' • Read & write numbers to 20 • Use language, e.g. 'more than', 'most' • Use +, - and = symbols • Know number bonds to 20 • add and subtract one-digit and two-digit numbers to 20, including zero • Solve one-step problems, including simple arrays 	<p style="text-align: center;">Geometry & Measures</p> <ul style="list-style-type: none"> • Use common vocabulary for comparison, e.g. heavier, taller, full, longest, quickest • Begin to measure length, capacity, weight • Recognise coins & notes • Use time & ordering vocabulary • Tell the time to hour/half-hour • Use language of days, weeks, months & years • Recognise & name common 2-d and 3-d shapes • Order & arrange objects • Describe position & movement, including half and quarter turns <p style="text-align: center;">Fractions</p> <p style="text-align: center;">Recognise & use $\frac{1}{2}$ & $\frac{1}{4}$</p>	<p style="text-align: center;">Number/Calculation</p> <ul style="list-style-type: none"> • Know 2, 5, 10x tables • Begin to use place value (T/U) • Count in 2s, 3s, 5s & 10s • Identify, represent & estimate numbers • Compare / order numbers, inc. $< > =$ • Write numbers to 100 • Know number facts to 20 (+ related to 100) • Use x and \div symbols • Recognise commutative property of multiplication <p style="text-align: center;">Data</p> <ul style="list-style-type: none"> • Interpret simple tables & pictograms • Ask & answer comparison questions • Ask & answer questions about totalling 	<p style="text-align: center;">Geometry & Measures</p> <ul style="list-style-type: none"> • Know and use standard measures • Read scales to nearest whole unit • Use symbols for £ and p and add/subtract simple sums of less than £1 or in pounds • Tell time to the nearest 5 minutes • Identify & sort 2-d & 3-d shapes • Identify 2-d shapes on 3-d surfaces • Order and arrange mathematical objects • Use terminology of position & movement <p style="text-align: center;">Fractions</p> <ul style="list-style-type: none"> • Find and write simple fractions • Understand equivalence of e.g. $\frac{2}{4} = \frac{1}{2}$

Curriculum Overview for Years 1 - 6

Curriculum Overview for Lower Key Stage 2

English Year 3			English Year 4		
<p>Reading</p> <ul style="list-style-type: none"> • Use knowledge to read 'exception' words • Read range of fiction & non-fiction • 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 spellings • Write simple dictated sentences • Use handwriting joins appropriately • Plan to write based on familiar forms • Rehearse sentences orally for writing • Use varied rich vocabulary • Create simple settings & plot • Assess effectiveness of own and others' writing 	<p>Grammar</p> <ul style="list-style-type: none"> • Use range of conjunctions • Use perfect tense • Use range of nouns & pronouns • Use time connectives • Introduce speech punctuation • Know language of clauses <p>Speaking & Listening</p> <ul style="list-style-type: none"> • Give structured descriptions • Participate activity in conversation • Consider & evaluate different viewpoints 	<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 • Identify themes & conventions • 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 and 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 and nouns for clarity • Use & punctuate direct speech • Use commas after front adverbials <p>Speaking & Listening</p> <ul style="list-style-type: none"> • Articulate & justify opinions • Speak audibly in Standard English • Gain, maintain & monitor interest of listeners

Curriculum Overview for Years 1 - 6

Curriculum Overview for Lower Key Stage 2

<p>Art & Design (LKS2)</p> <ul style="list-style-type: none"> • Use sketchbooks to collect, record and evaluate ideas • Improve mastery of techniques such as drawing, painting and sculpture with varied materials • Learn about great artists, architects & designers 	<p>Computing (LKS2)</p> <ul style="list-style-type: none"> • Design & write programs to achieve specific goals, including solving problems • Use logical reasoning • Understand computer networks • Use internet safely and appropriately • Collect and present data appropriately 	<p>Design & Technology (LKS2)</p> <ul style="list-style-type: none"> • Use research & criteria to develop products which are fit for purpose • Use annotated sketches and prototypes to explain ideas • Evaluate existing products and improve own work • Use mechanical systems in own work
		<p>Cooking & Nutrition</p> <ul style="list-style-type: none"> • Understand and apply the principles of a healthy and varied diet • Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.
<p>Geography (LKS2)</p> <ul style="list-style-type: none"> • Locate world's countries, focussing on Europe & Americas focus on key physical & human features • Study a region of the UK (not local area) • Use 8 points of compass, symbols & keys • Describe & understand climate, rivers, mountains, volcanoes, earthquakes, settlements, trade links, etc. • Use fieldwork to observe, measure & record 	<p>History (LKS2)</p> <p>British History (taught chronologically)</p> <ul style="list-style-type: none"> • Stone Age to Iron Age Britain, including: <ul style="list-style-type: none"> - <i>hunter-gatherers and early farmers</i> Roman Empire & impact on Britain: <ul style="list-style-type: none"> - <i>Julius Caesar's attempted invasion</i> <p>Broader History Study</p> <ul style="list-style-type: none"> • A local history study • Earliest ancient civilisations, i.e. <ul style="list-style-type: none"> - <i>Ancient Sumer;</i> - <i>Indus Valley;</i> - <i>Ancient Egypt</i> 	<p>Religious Education</p> <p>Continue to follow locally- agreed syllabus for RE supported by the International Primary Curriculum.</p>

Curriculum Overview for Years 1 - 6
Curriculum Overview Lower Key Stage 2

Science	Physical Education (LKS2)	Music (LKS2)
<p>Biology</p> <ul style="list-style-type: none"> Plants, incl. parts, lifecycle and requirements for life Animals: skeletons & nutrition Classify living things Digestive systems & teeth Food chains <p>Chemistry</p> <ul style="list-style-type: none"> Classification of rock types Simple understanding of fossilisation Changes of state The water cycle <p>Physics</p> <ul style="list-style-type: none"> Simple forces, including magnetism Sound as vibrations Electricity: simple circuits & conductors 	<ul style="list-style-type: none"> Use running, jumping, catching and throwing in isolation and in combination Play competitive games, modified as appropriate Develop flexibility & control in gym, dance & athletics Compare performances to achieve personal bests Swimming proficiency at 25m (Terms 5 & 6) 	<ul style="list-style-type: none"> Use voice & instruments with increasing accuracy, control and expression Improvise & compose music Listen with attention to detail Appreciate wide range of live & recorded music Begin to develop understanding of history
<p align="center">Modern Languages (LKS2)</p> <ul style="list-style-type: none"> Listen & engage Ask & answer questions Speak in sentences using familiar vocabulary Develop appropriate pronunciation Show understanding of words & phrases Appreciate stories, songs, poems & rhymes Broaden vocabulary 		

Curriculum Overview for Years 1 - 6

Curriculum Overview for Lower Key Stage 2

Curriculum Overview for Lower Key Stage 2			
Mathematics Year 3		Mathematics Year 4	
<p style="text-align: center;">Number/Calculation</p> <ul style="list-style-type: none"> Learn 3, 4 & 8x tables Secure place value to 100 Mentally add & subtract units, tens or hundreds to numbers of up to 3 digits Written column addition & subtraction Solve number problems, including multiplication & simple division and missing number problems Use commutativity to help calculations <p style="text-align: center;">Data</p> <ul style="list-style-type: none"> Interpret bar charts & pictograms 	<p style="text-align: center;">Geometry & Measures</p> <ul style="list-style-type: none"> Measure & calculate with metric measures Measure simple perimeter Add/subtract using money in context Use Roman numerals up to XII; tell time Calculate using simple time problems Draw 2-d / Make 3-d shapes Identify and use right angles Identify horizontal, vertical, perpendicular and parallel lines <p style="text-align: center;">Fractions</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 <p>Order fractions with common denominator</p>	<p style="text-align: center;">Number/Calculation</p> <ul style="list-style-type: none"> Know all tables to 12 x 12 Secure place value to 1000 Use negative whole numbers Round numbers to nearest 10, 100 or 1000 Use Roman numerals to 100 (C) Column addition & subtraction up to 4 digits Multiply & divide mentally Use standard short multiplication <p style="text-align: center;">Data</p> <ul style="list-style-type: none"> Use bar charts, pictograms & line graphs 	<p style="text-align: center;">Geometry & Measures</p> <ul style="list-style-type: none"> Compare 2-d 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 style="text-align: center;">Fractions</p> <ul style="list-style-type: none"> Recognise tenths & hundredths Identify equivalent fractions Add & subtract fractions with common denominators Recognise common equivalents Round decimals to whole numbers Solve money problems

Curriculum Overview for Years 1 - 6

Curriculum Overview for Upper Key Stage 2

English Year 5			English Year 6		
Reading	Writing	Grammar	Reading	Writing	Grammar
<ul style="list-style-type: none"> Apply knowledge of morphology & etymology when reading new words Reading & discuss a broad range of genres & texts Identifying & discussing themes Make recommendations to others Learn poetry by heart Draw inference & make predictions Discuss authors' use of language Retrieve & present information from non-fiction texts. Formal presentations & debate 	<ul style="list-style-type: none"> Secure spelling, inc. homophones, prefixes, silent letters, etc. Use a thesaurus Legible, fluent handwriting Plan writing to suit audience & purpose Develop character, setting and atmosphere in narrative Use organisational & presentational features Use consistent appropriate tense Proof-reading Perform own compositions 	<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 Use appropriate register 	<ul style="list-style-type: none"> Read a broad range of genres 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, inc. figurative Discuss & explain reading, providing reasoned justifications for views 	<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 	<ul style="list-style-type: none"> Use appropriate register/ style Use the passive voice for purpose 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, Hypothesise & explore Use appropriate register & language

Curriculum Overview for Years 1 - 6

Curriculum Overview for Upper Key Stage 2

<p>Art & Design (UKS2)</p> <ul style="list-style-type: none"> • Use sketchbooks to collect, record, review, revisit & evaluate ideas • Improve mastery of techniques such as drawing, painting and sculpture with varied materials • Learn about great artists, architects & designers 	<p>Computing (UKS2)</p> <ul style="list-style-type: none"> • Design & write programs to solve problems • Use sequences, repetition, inputs, variables and outputs in programs • Detect & correct errors in programs • Understand uses of networks for collaboration & communication • Be discerning in evaluating digital content 	<p>Design & Technology (UKS2)</p> <ul style="list-style-type: none"> • Use research & criteria to develop products which are fit for purpose and aimed at specific groups • Use annotated sketches, cross-section diagrams & computer-aided design • Analyse & evaluate existing products and improve own work • Use mechanical & electrical systems in own products, including programming
<p>Geography (UKS2)</p> <ul style="list-style-type: none"> • Name & locate counties, cities, regions & features of UK • Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones • Study a region of Europe, and of the Americas • Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc. • Use 4- and 6-figure grid references on OS maps • Use fieldwork to record & explain areas 	<p>History (UKS2)</p> <p>British History (taught chronologically)</p> <ul style="list-style-type: none"> • Anglo-Saxons & Vikings, including: <ul style="list-style-type: none"> - Roman withdrawal from Britain; Scots invasion - Invasions, settlements & kingdoms - Viking invasions; Danegald - Edward the Confessor • An extended period of study. <ul style="list-style-type: none"> - Significant turning points in British history <p>Broader History Study</p> <ul style="list-style-type: none"> • Ancient Greece • Non-European society 	<p>Cooking & Nutrition</p> <ul style="list-style-type: none"> • Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques • Understand seasonality, and know where and how a variety <p>Religious Education</p> <p>Continue to follow locally- agreed syllabus for RE supported by the International Primary Curriculum.</p>

Curriculum Overview for Years 1 - 6

Curriculum Overview for Upper Key Stage 2

Science	Physical Education (UKS2)	Music (UKS2)
<p>Biology</p> <ul style="list-style-type: none"> • Life cycles of plants & animals (inc. mammal, insect, bird, amphibian) • Describe changes as humans develop & mature • Classification, including micro-organisms • Health & Lifestyles incl. circulatory system • Evolution & Adaptation <p>Chemistry</p> <ul style="list-style-type: none"> • Classify materials according to a variety of properties • Understand mixtures & solutions • Know about reversible changes; identify irreversible <p>Physics</p> <ul style="list-style-type: none"> • Understand location and interaction of Sun, Earth & Moon • Introduce gravity, resistance & mechanical forces • Light & Shadows; the eye • Forces, including gravity • Electricity: investigating circuits 	<ul style="list-style-type: none"> • Use running, jumping, catching and throwing in isolation and in combination • Play competitive games, applying basic principles • Develop flexibility & control in gym, dance & athletics • Take part in Outdoor & Adventurous activities • Compare performances to achieve personal bests • Swimming proficiency at 25m (Terms 1 &2) 	<ul style="list-style-type: none"> • Perform with control & expression solo & in ensembles • Improvise & compose using dimensions of music • Listen to detail and recall aurally • Use & understand basics of staff notation • Develop an understanding of the history of music, including great musicians & composers
<p style="text-align: center;">Modern Languages (LKS2)</p> <ul style="list-style-type: none"> • Listen & engage • Engage in conversations, expressing opinions • Speak in simple language & be understood 	<ul style="list-style-type: none"> • Develop appropriate pronunciation • Present ideas & information orally • Show understanding in simple reading 	<ul style="list-style-type: none"> • Adapt known language to create new ideas • Describe people, places & things • Understand basic grammar, e.g. gender

Curriculum Overview for Years 1 - 6

Curriculum Overview for Upper Key Stage 2

Mathematics Year 5		Mathematics Year 6	
<p style="text-align: center;">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 to 1000 (M) Use standard written methods for all four operations Confidently add & subtract mentally Use vocabulary of prime, factor & multiple Multiply & divide by powers of ten Use square and cube numbers <p style="text-align: center;">Data</p> <ul style="list-style-type: none"> Interpret tables & line graphs <p>Solve questions about line graphs</p>	<p style="text-align: center;">Geometry & Measures</p> <ul style="list-style-type: none"> Convert between different units Calculate perimeter of composite shapes & area of rectangles Estimate volume & capacity Identify 3-d shapes Measure & identify angles Understand regular polygons Reflect & translate shapes <p style="text-align: center;">Fractions</p> <ul style="list-style-type: none"> Compare & order fractions Add & subtract fractions with common denominators, with mixed numbers Multiply fractions by units Write decimals as fractions Order & round decimal numbers Link percentages to fractions & decimals 	<p style="text-align: center;">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 (not indices) Identify factors, multiples & primes Solve multi-step number problems <p style="text-align: center;">Algebra</p> <ul style="list-style-type: none"> Introduce simple use of unknowns <p style="text-align: center;">Data</p> <ul style="list-style-type: none"> Use pie charts Calculate mean averages 	<p style="text-align: center;">Geometry & Measures</p> <ul style="list-style-type: none"> measures & conversions Calculate area of triangles / parallelograms Use area & volume formulas Classify shapes by properties Know and use angle rules Translate & reflect shapes, using all four quadrants <p style="text-align: center;">Fractions</p> <ul style="list-style-type: none"> Compare & simplify fractions Use equivalents to add fractions Multiply simple fractions Divide fractions by whole numbers Solve problems using decimals & percentages Use written division up to 2dp Introduce ratio & proportion