



CURRICULUM 2016/17 OVERVIEW FOR YEAR 6

<h2>English</h2> <p>Reading</p> <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 <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 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 	<h2>Music</h2> <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 	<h2>Physical Education</h2> <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 	
	<h2>Design & Technology</h2> <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 • Cook savoury dishes for a healthy & varied diet 		<h2>Art & Design</h2> <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
	<h2>History</h2> <p>British History (taught chronologically) An extended period study, e.g.</p> <ul style="list-style-type: none"> • The changing power of monarchs • <i>Significant turning points in British history</i> • Crime & punishment • Leisure <p>Broader History Study Non-European society, i.e.</p> <ul style="list-style-type: none"> • Islamic civilization, including Baghdad • Mayan civilization 		<h2>Geography</h2> <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-figure grid references on OS maps • Use fieldwork to record & explain areas



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<ul style="list-style-type: none"> Use appropriate register & language 	<ul style="list-style-type: none"> Benin (West Africa) 	
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<h2>Mathematics</h2> <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 (not indices) 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 & Measures</p> <ul style="list-style-type: none"> Confidently use a range of measures & conversions Calculate area of triangles / parallelograms Use area & volume formulas 	<p>Science (Using Kent Syllabus)</p> <p>Living Things and their Habitats:</p> <ul style="list-style-type: none"> Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals Give reasons for classifying plants and animals based on specific characteristics. <p>Animals including Humans:</p> <ul style="list-style-type: none"> Identify and name the main parts of the human circulatory system, and explain the functions of the heart, blood vessels and blood Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function Describe the ways in which nutrients and water are transported within animals, including humans. <p>Evolution:</p> <ul style="list-style-type: none"> Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. 	<h2>Modern Languages</h2> <ul style="list-style-type: none"> Listen & engage Engage in conversations, expressing opinions Speak in simple language & be understood Develop appropriate pronunciation Present ideas & information orally Show understanding in simple reading Adapt known language to create new ideas Describe people, places & things Understand basic grammar, e.g. gender <h2>Computing</h2> <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
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<ul style="list-style-type: none">• Classify shapes by properties• Know and use angle 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 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	<ul style="list-style-type: none">• Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. <p>Light:</p> <ul style="list-style-type: none">• recognise that light appears to travel in straight lines• use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye• explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes• use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them <p>Electricity:</p> <ul style="list-style-type: none">• Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit• Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches• Use recognised symbols when representing a simple circuit in a diagram.	<h3>Religious Education</h3> <p>Islam</p> <ul style="list-style-type: none">• Journey of Life & Death• Religion. Family & community <p>Christianity</p> <ul style="list-style-type: none">• Teachings & Authority• Celebration:<ul style="list-style-type: none">○ Christmas – focus on Incarnation○ Easter – focus on Death and Resurrection• Beliefs in action in the world• Symbols & Religious Expression <p>Sikhism</p> <ul style="list-style-type: none">• Teachings & Authority• Symbols and Religious Expression• Worship and Sacred Places
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