

Bolham Primary School Curriculum overview for Year 6.

<p style="text-align: center;">Music</p> <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;">Art & design</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 style="text-align: center;">Religious Education</p> <ul style="list-style-type: none"> Investigate key beliefs and concepts in Christianity and Islam connected to birth, growing up, marriage and death Understand key aspects of Judaism including Passover and Shabbat and how faith has developed since the Holocaust Develop knowledge and understanding about Christian teaching on behaviour and actions. 	<p style="text-align: center;">Physical Education</p> <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 by the end of Year 6
<p style="text-align: center;">Mathematics</p> <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 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 	<p><i>Together we aspire, together we achieve</i></p> 		<p style="text-align: center;">English</p> <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, <p>Hypothesise & explore</p> <ul style="list-style-type: none"> Use appropriate register & language
<p style="text-align: center;">History</p> <p>British History (taught chronologically)</p> <ul style="list-style-type: none"> An extended period study, e.g. <ul style="list-style-type: none"> The changing power of monarchs Significant turning points in British history Crime & punishment Leisure <p>Broader History Study</p> <ul style="list-style-type: none"> Non-European society, i.e. <ul style="list-style-type: none"> Islamic civilization, including Baghdad Mayan civilization Benin (West Africa) 	<p style="text-align: center;">Computing</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 style="text-align: center;">Design & technology</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 Cook savoury dishes for a healthy & varied diet 	<p style="text-align: center;">Geography</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

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