

# YEAR 1

<p><b>Number/Calculation</b>            Count to / across 100            Count in 1s, 2s, 5s and 10s            Identify 'one more' and 'one less'            Read &amp; 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>	<p><b>Geometry &amp; Measures</b>            Use common vocabulary for comparison, e.g. heavier, taller, full, longest, quickest            Begin to measure length, capacity, weight            Recognise coins &amp; notes            Use time &amp; ordering vocabulary            Tell the time to hour/half-hour            Use language of days, weeks, months &amp; years            Recognise &amp; name common 2-d and 3-d shapes            Order &amp; arrange objects            Describe position &amp; movement, including half and quarter turns</p>	<p><b>Fractions</b>            Recognise &amp; use <math>\frac{1}{2}</math> &amp; <math>\frac{1}{4}</math></p>
<p><b>Spoken Language</b>            Listen &amp; respond appropriately            Speak audibly and fluently            Ask relevant questions            Maintain attention &amp; participate</p> <p><b>Grammar</b>            Leave spaces between words.            Use <i>and</i> to join sentences            Begin to use basic punctuation: . ? !            Use capital letters for proper nouns &amp; I            Learn grammar for Year 1 (English appendix 2 of the National Curriculum)            Use and discuss grammar terms (English appendix 2 of the National Curriculum)</p>	<p><b>Reading</b>            Match graphemes for all phonemes            Read accurately by blending sounds            Read common exception words            Read words with taught GPCs            Read other words of more than one syllable that contain taught GPCs            Read contractions &amp; understand purpose            Read phonics books aloud &amp; re-read for fluency and confidence            Listen/discuss/re-tell /familiarise /explain understanding of wide range of poems, stories and non-fiction            Link reading to own experiences            Join in with predictable phrases.            Appreciate poetry &amp; recite by heart            Discuss significance of title &amp; events            Make simple predictions</p>	<p><b>Writing</b>            Spell words containing each of 40+ phonemes taught            Spell common 'exception' words            Spell days of the week            Name letters of the alphabet in order            Use common prefixes &amp; suffixes            Apply spelling rules (English appendix 1 of the National Curriculum)            Sit correctly, hold pencil comfortably &amp; correctly            Form lower case letters correctly            Form capital letters &amp; digits            Understand which letters are formed in similar ways.            Write sentences in fiction and non-fiction            Compose sentences orally before writing &amp; re-read to check. Discuss.            Read own writing to peers or teacher</p>
<p><b>Computing</b></p> <ul style="list-style-type: none"> <li>Understand use of algorithms</li> <li>Write &amp; test simple programs</li> <li>Use logical reasoning to make predictions</li> <li>Organise, store, retrieve &amp; manipulate data</li> <li>Communicate online safely and respectfully           <ul style="list-style-type: none"> <li>Recognise uses of IT outside of school</li> </ul> </li> </ul>	<p><b>Science</b></p> <p><b>Biology</b></p> <ul style="list-style-type: none"> <li>Identify basic plants</li> <li>Identify basic plant parts (roots, leaves, flowers, etc.)           <ul style="list-style-type: none"> <li>Identify &amp; compare common animals</li> <li>Identify &amp; name basic body parts</li> </ul> </li> </ul> <p><b>Chemistry</b></p> <ul style="list-style-type: none"> <li>Distinguish between objects &amp; materials</li> <li>Identify &amp; name common materials</li> <li>Describe simple properties of some materials           <ul style="list-style-type: none"> <li>Compare &amp; classify materials</li> </ul> </li> </ul> <p><b>Physics</b></p> <ul style="list-style-type: none"> <li>Observe weather associated with changes of season</li> </ul>	
<p><b>PE</b></p> <ul style="list-style-type: none"> <li>Master basic movement, e.g. running, jumping, throwing, catching, balance, agility and co-ordination           <ul style="list-style-type: none"> <li>Participate in team games</li> <li>Perform dances using simple movement</li> <li>Swimming proficiency at 25m (KS1 or KS2)</li> </ul> </li> </ul>	<p><b>Art</b></p> <ul style="list-style-type: none"> <li>Use drawing, painting and sculpture</li> <li>Develop techniques of colour, pattern, texture, line, shape, form and space</li> <li>Learn about range of artists, craftsmen and designers</li> </ul>	
<p><b>DT</b></p> <ul style="list-style-type: none"> <li>Design purposeful, functional &amp; appealing products           <ul style="list-style-type: none"> <li>Generate, model &amp; communicate ideas</li> </ul> </li> <li>Use range of tools &amp; materials to complete practical tasks           <ul style="list-style-type: none"> <li>Evaluate existing products &amp; own ideas</li> <li>Build and improve structure &amp; mechanisms</li> <li>Understand where food comes from</li> </ul> </li> </ul>	<p><b>Music</b></p> <ul style="list-style-type: none"> <li>Sing songs</li> <li>Play tuned &amp; untuned instruments musically</li> <li>Listen &amp; understand live and recorded music           <ul style="list-style-type: none"> <li>Make and combine sounds musically</li> </ul> </li> </ul>	
<p><b>Geography</b></p> <ul style="list-style-type: none"> <li>Name &amp; locate the four countries and capital cities of the United Kingdom using atlases &amp; globes .</li> <li>Identify seasonal / daily weather patterns in the UK and the location of hot and cold areas of the world</li> <li>Use basic geographical vocabulary to refer to local &amp; familiar features           <ul style="list-style-type: none"> <li>Use four compass directions &amp; simple vocabulary</li> </ul> </li> </ul>	<p><b>History</b></p> <p><b>Key Concepts</b></p> <ul style="list-style-type: none"> <li>Changes in living memory (linked to aspects of national life where appropriate)</li> </ul> <p><b>Key Individuals</b></p> <ul style="list-style-type: none"> <li>Lives of significant historical figures, including comparison of those from different periods</li> <li>Significant local people</li> </ul> <p><b>Key Events</b></p> <ul style="list-style-type: none"> <li>Events of local importance</li> </ul>	
<p><b>MFL</b></p> <ul style="list-style-type: none"> <li>Not required at KS1</li> </ul>	<p><b>RE</b></p> <ul style="list-style-type: none"> <li>Follow local RE syllabus</li> </ul>	

# YEAR 2

<p><b>Number/Calculation</b>            Know 2, 5, 10x tables            Begin to use place value (T/U)            Count in 2s, 3s, 5s &amp; 10s            Identify, represent &amp; estimate numbers            Compare / order numbers, inc. &lt; &gt; =            Write numbers to 100            Know number facts to 20 (+ related to 100)            Use x and ÷ symbols            Recognise commutative property of multiplication</p>	<p><b>Geometry &amp; Measures</b>            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 &amp; sort 2-d &amp; 3-d shapes            Identify 2-d shapes on 3-d surfaces            Order and arrange mathematical objects            Use terminology of position &amp; movement</p>	<p><b>Fractions</b>            Find and write simple fractions            Understand equivalence of e.g. <math>\frac{2}{4} = \frac{1}{2}</math></p> <p><b>Data</b>            Interpret simple tables &amp; pictograms            Ask &amp; answer comparison questions            Ask &amp; answer questions about totalling</p>
<p><b>Spoken Language</b>            Articulate and justify answers            Initiate and respond to comments            Use spoken language to develop understanding by imagining and exploring</p> <p><b>Grammar</b>            Use: !, commas in lists, apostrophes in contractions and the possessive            Use some features of standard English            Begin to expand noun phrases            Use simple conjunctions            Use statements, questions and commands            Use past and present tense            Use and discuss grammatical terms (English appendix 2 of the National Curriculum)</p>	<p><b>Reading</b>            Develop phonics until decoding secure            Blend accurately, recognise alternative sounds for graphemes            Read accurately words of 2+syllables            Read words containing common suffixes            Read common 'exception' words            Read aloud and re-read phonically appropriate books            Read quickly &amp; accurately            Enjoy listening/discussing and expressing views about fiction, non-fiction &amp; poetry            Become familiar with and retell stories            Ask and answer questions; make predictions            Begin to make inferences</p>	<p><b>Writing</b>            Spell by segmenting into phonemes            Learn to spell common 'exception' words            Spell using common suffixes, etc.            Learn new ways of spelling known phonemes including some homophones and near homophones            Use the possessive apostrophe            Apply spelling rules and guidance (English appendix 1 of the National Curriculum)            Write from memory dictated sentences            Use appropriate size letters &amp; spaces            Start using joins to appropriate letters            Develop positive attitude &amp; stamina for writing in a variety of styles            Plan ideas for writing            Record ideas sentence-by-sentence            Make simple additions &amp; changes after proof-reading            Read aloud their writing for clarity</p>
<p><b>Computing</b></p> <ul style="list-style-type: none"> <li>Understand use of algorithms</li> <li>Write &amp; test simple programs</li> <li>Use logical reasoning to make predictions</li> <li>Organise, store, retrieve &amp; manipulate data</li> <li>Communicate online safely and respectfully</li> <li>Recognise uses of IT outside of school</li> </ul>	<p><b>Science</b></p> <p><b>Biology</b></p> <ul style="list-style-type: none"> <li>Differentiate living, dead and non-living</li> <li>Growing plants (water, light, warmth)</li> <li>Basic needs of animals &amp; offspring</li> <li>Simple food chains &amp; habitats</li> </ul> <p><b>Chemistry</b></p> <ul style="list-style-type: none"> <li>Identify and compare uses of different materials</li> <li>Compare how things move on different surfaces</li> </ul>	
<p><b>PE</b></p> <ul style="list-style-type: none"> <li>Master basic movement, e.g. running, jumping, throwing, catching, balance, agility and co-ordination           <ul style="list-style-type: none"> <li>Participate in team games</li> </ul> </li> <li>Perform dances using simple movement</li> <li>Swimming proficiency at 25m (KS1 or KS2)</li> </ul>	<p><b>Art</b></p> <ul style="list-style-type: none"> <li>Use a range of materials           <ul style="list-style-type: none"> <li>Use drawing, painting and sculpture</li> </ul> </li> <li>Develop techniques of colour, pattern, texture, line, shape, form and space</li> <li>Learn about range of artists, craftsmen and designers</li> </ul>	
<p><b>DT</b></p> <ul style="list-style-type: none"> <li>Design purposeful, functional &amp; appealing products           <ul style="list-style-type: none"> <li>Generate, model &amp; communicate ideas</li> </ul> </li> <li>Use range of tools &amp; materials to complete practical tasks           <ul style="list-style-type: none"> <li>Evaluate existing products &amp; own ideas</li> <li>Build and improve structure &amp; mechanisms</li> <li>Understand where food comes from</li> </ul> </li> </ul>	<p><b>Music</b></p> <ul style="list-style-type: none"> <li>Sing songs</li> <li>Play tuned &amp; untuned instruments musically</li> <li>Listen &amp; understand live and recorded music           <ul style="list-style-type: none"> <li>Make and combine sounds musically</li> </ul> </li> </ul>	
<p><b>Geography</b></p> <ul style="list-style-type: none"> <li>Name &amp; locate world's continents and oceans</li> <li>Compare local area to a non-European country</li> <li>Use basic vocabulary to describe a less familiar area</li> <li>Use aerial images and other models to create simple plans and maps, using symbols</li> <li>Use simple fieldwork and observational skills to study the immediate environment</li> </ul>	<p><b>History</b></p> <p><b>Key Concepts</b></p> <ul style="list-style-type: none"> <li>Changes in living memory (linked to aspects of national life where appropriate)</li> </ul> <p><b>Key Individuals</b></p> <ul style="list-style-type: none"> <li>Lives of significant historical figures, including comparison of those from different periods           <ul style="list-style-type: none"> <li>Significant local people</li> </ul> </li> </ul> <p><b>Key Events</b></p> <ul style="list-style-type: none"> <li>e.g. Bonfire night</li> <li>Events of local importance</li> </ul>	
<p><b>MFL</b></p> <ul style="list-style-type: none"> <li>Not required at KS1</li> </ul>	<p><b>RE</b></p> <ul style="list-style-type: none"> <li>Follow local RE syllabus</li> </ul>	

# YEAR 3

<p><b>Number/Calculation</b>            Learn 3, 4 &amp; 8x tables            Secure place value to 100            Mentally add &amp; subtract units, tens or hundreds to numbers of up to 3 digits            Written column addition &amp; subtraction            Solve number problems, including multiplication &amp; simple division and missing number problems            Use commutativity to help calculations</p>	<p><b>Geometry &amp; Measures</b>            Measure &amp; 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>	<p><b>Fractions &amp; decimals</b>            Use &amp; count in tenths            Recognise, find &amp; write fractions            Recognise some equivalent fractions            Add/subtract fractions up to &lt;1            Order fractions with common denominator</p> <p><b>Data</b>            Interpret bar charts &amp; pictograms</p>
<p><b>Spoken Language</b>            Give structured descriptions            Participate actively in conversation            Consider &amp; evaluate different viewpoints</p> <p><b>Grammar</b>            Use range of conjunctions            Use present and perfect tense            Use range of nouns &amp; pronouns            Use time connectives            Introduce speech punctuation            Use possessive apostrophe            Know language of clauses</p>	<p><b>Reading</b>            Use knowledge to read 'exception' words            Read range of fiction &amp; non-fiction            Use dictionaries to check meaning            Prepare poems &amp; plays to perform            Check own understanding of reading            Draw inferences &amp; make predictions and ask questions            Retrieve &amp; record information from non-fiction books            Discuss reading with others</p>	<p><b>Writing</b>            Use prefixes &amp; suffixes in spelling            Use dictionary to confirm spellings            Write simple dictated sentences            Use handwriting joins appropriately            Increase legibility, consistency &amp; quality of</p> <p><b>Handwriting</b>            Plan to write based on familiar forms            Rehearse sentences orally            Use varied rich vocabulary            Create settings, characters &amp; plot            Use organisational devices for non-fiction            Edit and evaluate own writing</p>
<p><b>Computing</b></p> <ul style="list-style-type: none"> <li>Design &amp; write programs to achieve specific goals, including solving problems           <ul style="list-style-type: none"> <li>Use logical reasoning</li> </ul> </li> <li>Understand computer networks</li> <li>Use internet safely and appropriately</li> <li>Collect and present data appropriately</li> </ul>	<p><b>Science</b></p> <p><b>Biology</b></p> <ul style="list-style-type: none"> <li>Plants, incl. parts, lifecycle and requirements for life           <ul style="list-style-type: none"> <li>Animals: skeletons &amp; nutrition</li> </ul> </li> </ul> <p><b>Chemistry</b></p> <ul style="list-style-type: none"> <li>Classification of rock types</li> <li>Simple understanding of fossilisation</li> </ul> <p><b>Physics</b></p> <ul style="list-style-type: none"> <li>Sources of light; shadows &amp; reflections</li> <li>Simple forces, including magnetism</li> </ul>	
<p><b>PE</b></p> <ul style="list-style-type: none"> <li>Use running, jumping, catching and throwing in isolation and in combination           <ul style="list-style-type: none"> <li>Play competitive games, modified as appropriate</li> </ul> </li> <li>Develop flexibility &amp; control in gym, dance &amp; athletics</li> <li>Compare performances to achieve personal bests           <ul style="list-style-type: none"> <li>Swimming proficiency at 25m (KS1 or KS2)</li> </ul> </li> </ul>	<p><b>Art</b></p> <ul style="list-style-type: none"> <li>Use sketchbooks to collect, record and evaluate ideas</li> <li>Improve mastery of techniques such as drawing, painting and sculpture with varied materials</li> <li>Learn about great artists, architects &amp; designers</li> </ul>	
<p><b>DT</b></p> <ul style="list-style-type: none"> <li>Use research &amp; criteria to develop products which are fit for purpose</li> <li>Use annotated sketches and prototypes to explain ideas           <ul style="list-style-type: none"> <li>Evaluate existing products and improve own work               <ul style="list-style-type: none"> <li>Use mechanical systems in own work</li> </ul> </li> </ul> </li> <li>Understand seasonality; prepare &amp; cook mainly savoury dishes</li> </ul>	<p><b>Music</b></p> <ul style="list-style-type: none"> <li>Use voice &amp; instruments with increasing accuracy, control and expression           <ul style="list-style-type: none"> <li>Improvise &amp; compose music</li> <li>Listen with attention to detail</li> </ul> </li> <li>Appreciate wide range of live &amp; recorded music           <ul style="list-style-type: none"> <li>Begin to develop understanding of history</li> </ul> </li> </ul>	
<p><b>Geography</b></p> <ul style="list-style-type: none"> <li>Locate world's countries, focussing on Europe &amp; Americas focus on key physical &amp; human features           <ul style="list-style-type: none"> <li>Study a region of the UK (not local area)</li> <li>Use 8 points of compass, symbols &amp; keys</li> </ul> </li> <li>Describe &amp; understand climate, rivers, mountains, volcanoes, earthquakes, settlements, trade links, etc.           <ul style="list-style-type: none"> <li>Use fieldwork to observe, measure &amp; record</li> </ul> </li> </ul>	<p><b>History</b></p> <p><b>British History (taught chronologically)</b></p> <ul style="list-style-type: none"> <li>Stone Age to Iron Age Britain, including: <i>-hunter-gatherers and early farmers</i></li> <li>Bronze age religion, technology &amp; travel           <ul style="list-style-type: none"> <li>Iron age hill forts</li> </ul> </li> </ul> <p><b>Broader History Study</b></p> <ul style="list-style-type: none"> <li>A local history study, e.g.</li> <li>A depth study linked to a studied period           <ul style="list-style-type: none"> <li>A study over a period of time</li> </ul> </li> <li>A <i>post-1066 study of relevant local history</i></li> </ul>	
<p><b>MFL</b></p> <ul style="list-style-type: none"> <li>Listen &amp; engage           <ul style="list-style-type: none"> <li>Ask &amp; answer questions</li> </ul> </li> <li>Speak in sentences using familiar vocabulary           <ul style="list-style-type: none"> <li>Develop appropriate pronunciation</li> <li>Show understanding of words &amp; phrases</li> </ul> </li> <li>Appreciate stories, songs, poems &amp; rhymes           <ul style="list-style-type: none"> <li>Broaden vocabulary.</li> </ul> </li> </ul>	<p><b>RE</b></p> <ul style="list-style-type: none"> <li>Follow local RE syllabus</li> </ul>	

# YEAR 4

<p><b>Number/Calculation</b>            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 &amp; subtraction up to 4 digits            Multiply &amp; divide mentally            Use standard short multiplication</p>	<p><b>Geometry &amp; Measures</b>            Compare 2-d shapes, including quadrilaterals &amp; triangles            Find area by counting squares            Calculate rectangle perimeters            Estimate &amp; calculate measures            Identify acute, obtuse &amp; right angles            Identify symmetry            Use first quadrant coordinates            Introduce simple translations</p> <p><b>Data</b>            Use bar charts, pictograms &amp; line Graphs</p>	<p><b>Fractions &amp; decimals</b>            Recognise tenths &amp; hundredths            Identify equivalent fractions            Add &amp; subtract fractions with common denominators            Recognise common equivalents            Round decimals to whole numbers            Solve money problems</p>
<p><b>Spoken Language</b>            Articulate &amp; justify opinions            Speak audibly in Standard English            Gain, maintain &amp; monitor interest of listeners</p> <p><b>Grammar</b>            Use wider range of conjunctions            Use present perfect and past tense appropriately            Select pronouns and nouns for clarity            Use &amp; punctuate direct speech            Use commas after fronted adverbials            Use the possessive apostrophe            Use and understand grammatical terms            (English appendix 2 of the National Curriculum)</p>	<p><b>Reading</b>            Secure decoding of unfamiliar words            Read for a range of purposes            Retell some stories orally            Discuss words &amp; phrases that capture the imagination            Identify how language structure and presentation contribute to meaning            Identify themes &amp; conventions            Retrieve &amp; record information            Make inferences &amp; justify predictions with evidence            Recognise a variety of forms of poetry            Identify &amp; summarise ideas</p>	<p><b>Writing</b>            Correctly spell further homophones (see Appendix 1 of the National Curriculum)            Increase regularity of handwriting            Plan writing based on familiar forms            Organise writing into paragraphs            Use simple organisational devices            Proof-read for spelling &amp; punctuation errors            Evaluate and edit own and others' writing            Read own writing aloud            Assess effectiveness of own and other's writing</p>
<p><b>Computing</b></p> <ul style="list-style-type: none"> <li>Design &amp; write programs to achieve specific goals, including solving problems           <ul style="list-style-type: none"> <li>Use logical reasoning</li> <li>Understand computer networks</li> </ul> </li> <li>Use internet safely and appropriately</li> <li>Collect and present data appropriately</li> </ul>	<p><b>Science</b></p> <p><b>Biology</b></p> <ul style="list-style-type: none"> <li>Classify living things</li> <li>Digestive system &amp; teeth           <ul style="list-style-type: none"> <li>Food chains</li> </ul> </li> </ul> <p><b>Chemistry</b></p> <ul style="list-style-type: none"> <li>Changes of state</li> <li>The water cycle</li> </ul> <p><b>Physics</b></p> <ul style="list-style-type: none"> <li>Sound as vibrations</li> <li>Electricity: simple circuits &amp; conductors</li> </ul>	
<p><b>PE</b></p> <ul style="list-style-type: none"> <li>Use running, jumping, catching and throwing in isolation and in combination           <ul style="list-style-type: none"> <li>Play competitive games, modified as appropriate</li> </ul> </li> <li>Develop flexibility &amp; control in gym, dance &amp; athletics</li> <li>Compare performances to achieve personal bests           <ul style="list-style-type: none"> <li>Swimming proficiency at 25m (KS1 or KS2)</li> </ul> </li> </ul>	<p><b>Art</b></p> <ul style="list-style-type: none"> <li>Use sketchbooks to collect, record and evaluate ideas</li> <li>Improve mastery of techniques such as drawing, painting and sculpture with varied materials           <ul style="list-style-type: none"> <li>Learn about great artists, architects &amp; designers</li> </ul> </li> </ul>	
<p><b>DT</b></p> <ul style="list-style-type: none"> <li>Use research &amp; criteria to develop products which are fit for purpose           <ul style="list-style-type: none"> <li>Use annotated sketches and prototypes to explain ideas</li> <li>Evaluate existing products and improve own work               <ul style="list-style-type: none"> <li>Use mechanical systems in own work</li> </ul> </li> </ul> </li> <li>Understand seasonality; prepare &amp; cook mainly savoury dishes</li> </ul>	<p><b>Music</b></p> <ul style="list-style-type: none"> <li>Use voice &amp; instruments with increasing accuracy, control and expression           <ul style="list-style-type: none"> <li>Improvise &amp; compose music</li> <li>Listen with attention to detail</li> </ul> </li> <li>Appreciate wide range of live &amp; recorded music           <ul style="list-style-type: none"> <li>Begin to develop understanding of history</li> </ul> </li> </ul>	
<p><b>Geography</b></p> <ul style="list-style-type: none"> <li>Locate world's countries, focussing on Europe &amp; Americas focus on key physical &amp; human features           <ul style="list-style-type: none"> <li>Study a region of the UK (not local area)</li> <li>Use 8 points of compass, symbols &amp; keys</li> </ul> </li> <li>Describe &amp; understand climate, rivers, mountains, volcanoes, earthquakes, water cycle, settlements, trade links, etc.           <ul style="list-style-type: none"> <li>Use fieldwork to observe, measure &amp; record</li> </ul> </li> </ul>	<p><b>History</b></p> <p><b>British History (taught chronologically)</b></p> <ul style="list-style-type: none"> <li>Roman Empire &amp; impact on Britain:           <ul style="list-style-type: none"> <li>Julius Caesar's attempted invasion</li> <li>Roman Empire &amp; successful invasion               <ul style="list-style-type: none"> <li>British resistance, e.g. Boudicca</li> <li>Romanisation of Britain</li> </ul> </li> </ul> </li> <li>Broader History Study           <ul style="list-style-type: none"> <li>Earliest ancient civilisations, i.e.               <ul style="list-style-type: none"> <li>Ancient Sumer;</li> <li>Indus Valley;</li> <li>Ancient Egypt; or</li> </ul> </li> <li>Shang Dynasty of Ancient China</li> </ul> </li> </ul>	
<p><b>MFL</b></p> <ul style="list-style-type: none"> <li>Listen &amp; engage           <ul style="list-style-type: none"> <li>Ask &amp; answer questions</li> </ul> </li> <li>Speak in sentences using familiar vocabulary           <ul style="list-style-type: none"> <li>Develop appropriate pronunciation</li> <li>Show understanding of words &amp; phrases</li> </ul> </li> <li>Appreciate stories, songs, poems &amp; rhymes           <ul style="list-style-type: none"> <li>Broaden vocabulary</li> </ul> </li> </ul>	<p><b>RE</b></p> <ul style="list-style-type: none"> <li>Follow local RE syllabus</li> </ul>	

# YEAR 5

<p><b>Number/Calculation</b></p> <p>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 &amp; subtract mentally Use vocabulary of prime, factor &amp; multiple Multiply &amp; divide by powers of 10</p>	<p><b>Geometry &amp; Measures</b></p> <p>Convert between different units Calculate perimeter of composite shapes &amp; area of rectangles Estimate volume &amp; capacity Identify 3-d shapes Measure &amp; identify angles Understand regular polygons Reflect &amp; translate shapes</p> <p><b>Data</b></p> <p>Interpret tables &amp; line graphs Solve questions about line graphs</p>	<p><b>Fractions</b></p> <p>Compare &amp; order fractions Add &amp; subtract fractions with common denominators, with mixed numbers Multiply fractions by units Write decimals as fractions Order &amp; round decimal numbers Link percentages to fractions &amp; decimals</p>
<p><b>Spoken Language</b></p> <p>Give well-structured explanations Command of Standard English Consider &amp; evaluate different viewpoints Use effective communication</p> <p><b>Grammar</b></p> <p>Use expanded noun phrases Use modal &amp; passive verbs Use relative clauses Use commas for clauses Use brackets, dashes &amp; commas for parenthesis Use and understand grammatical terms (English appendix 2 of the National Curriculum)</p>	<p><b>Reading</b></p> <p>Apply knowledge of morphology &amp; etymology (See Appendix 1 of the National Curriculum) Read, familiarise &amp; discuss a broad range of genres &amp; texts Identifying &amp; discussing themes Make recommendations to others Learn and perform poetry by heart Discuss books and challenge, courteously, the views of others Draw inference &amp; make predictions Discuss authors' use of language Distinguish between fact &amp; fiction Retrieve &amp; present information from non-fiction texts.</p>	<p><b>Writing</b></p> <p>Secure spelling, inc. homophones, prefixes, silent letters, etc. Use dictionaries &amp; a thesaurus Legible, fluent handwriting with increased speed Plan writing to suit audience &amp; purpose Develop character, setting &amp; atmosphere in narrative &amp; integrate dialogue Use organisational &amp; presentational features Assess effectiveness of writing Proof-reading Perform own compositions</p>
<p><b>Computing</b></p> <ul style="list-style-type: none"> <li>Design &amp; write programs to solve problems</li> <li>Use sequences, repetition, inputs, variables and outputs in programs             <ul style="list-style-type: none"> <li>Detect &amp; correct errors in programs</li> </ul> </li> <li>Understand uses of networks for collaboration &amp; communication             <ul style="list-style-type: none"> <li>Be discerning in evaluating digital content</li> </ul> </li> </ul>	<p><b>Science</b></p> <p><b>Biology</b></p> <ul style="list-style-type: none"> <li>Life cycles of plants &amp; animals (inc. mammal, insect, bird, amphibian)             <ul style="list-style-type: none"> <li>Describe changes as humans develop &amp; mature</li> </ul> </li> </ul> <p><b>Chemistry</b></p> <ul style="list-style-type: none"> <li>Classify materials according to a variety of properties             <ul style="list-style-type: none"> <li>Understand mixtures &amp; solutions</li> </ul> </li> <li>Know about reversible changes; identify irreversible</li> </ul> <p><b>Physics</b></p> <ul style="list-style-type: none"> <li>Understand location and interaction of Sun, Earth &amp; Moon             <ul style="list-style-type: none"> <li>Introduce gravity, resistance &amp; mechanical forces</li> </ul> </li> </ul>	
<p><b>PE</b></p> <ul style="list-style-type: none"> <li>Use running, jumping, catching and throwing in isolation and in combination             <ul style="list-style-type: none"> <li>Play competitive games, applying basic principles</li> </ul> </li> <li>Develop flexibility &amp; control in gym, dance &amp; athletics             <ul style="list-style-type: none"> <li>Take part in Outdoor &amp; Adventurous activities</li> </ul> </li> <li>Compare performances to achieve personal bests             <ul style="list-style-type: none"> <li>Swimming proficiency at 25m (KS1 or KS2)</li> </ul> </li> </ul>	<p><b>Art</b></p> <ul style="list-style-type: none"> <li>Use sketchbooks to collect, record, review, revisit &amp; evaluate ideas</li> <li>Improve mastery of techniques such as drawing, painting and sculpture with varied materials             <ul style="list-style-type: none"> <li>Learn about great artists, architects &amp; designers</li> </ul> </li> </ul>	
<p><b>DT</b></p> <ul style="list-style-type: none"> <li>Use research &amp; criteria to develop products which are fit for purpose and aimed at specific groups</li> <li>Use annotated sketches, cross-section diagrams &amp; computer-aided design             <ul style="list-style-type: none"> <li>Analyse &amp; evaluate existing products and improve own work</li> </ul> </li> <li>Use mechanical &amp; electrical systems in own products, including programming             <ul style="list-style-type: none"> <li>Cook savoury dishes for a healthy &amp; varied diet</li> </ul> </li> </ul>	<p><b>Music</b></p> <ul style="list-style-type: none"> <li>Perform with control &amp; expression solo &amp; in ensembles             <ul style="list-style-type: none"> <li>Improvise &amp; compose using dimensions of music                 <ul style="list-style-type: none"> <li>Listen to detail and recall aurally</li> <li>Use &amp; understand basics of staff notation</li> </ul> </li> </ul> </li> <li>Develop an understanding of the history of music, including great musicians &amp; composers</li> </ul>	
<p><b>Geography</b></p> <ul style="list-style-type: none"> <li>Name &amp; locate counties, cities, regions &amp; features of UK</li> <li>Understand latitude, longitude, Equator, hemispheres, tropics, polar circles &amp; time zones             <ul style="list-style-type: none"> <li>Study a region of Europe, and of the Americas</li> </ul> </li> <li>Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc.             <ul style="list-style-type: none"> <li>Use 4- and 6-figure grid references on OS maps                 <ul style="list-style-type: none"> <li>Use fieldwork to record &amp; explain areas</li> </ul> </li> </ul> </li> </ul>	<p><b>History</b></p> <p><b>British History (taught chronologically)</b></p> <ul style="list-style-type: none"> <li>Anglo-Saxons &amp; Vikings, including:             <ul style="list-style-type: none"> <li>Roman withdrawal from Britain; Scots invasion</li> <li>Invasions, settlements &amp; kingdoms                 <ul style="list-style-type: none"> <li>Viking invasions; Danegald</li> <li>Edward the Confessor</li> </ul> </li> </ul> </li> </ul> <p><b>Broader History Study</b></p> <ul style="list-style-type: none"> <li>Ancient Greece, i.e.             <ul style="list-style-type: none"> <li>A study of Greek life and achievements and their influence on the western world</li> </ul> </li> </ul>	
<p><b>MFL</b></p> <ul style="list-style-type: none"> <li>Listen &amp; engage             <ul style="list-style-type: none"> <li>Engage in conversations, expressing opinions</li> </ul> </li> <li>Speak in simple language &amp; be understood             <ul style="list-style-type: none"> <li>Develop appropriate pronunciation                 <ul style="list-style-type: none"> <li>Present ideas &amp; information orally</li> </ul> </li> <li>Show understanding in simple reading</li> </ul> </li> <li>Adapt known language to create new ideas             <ul style="list-style-type: none"> <li>Describe people, places &amp; things</li> </ul> </li> <li>Understand basic grammar, e.g. gender</li> </ul>	<p><b>RE</b></p> <ul style="list-style-type: none"> <li>Follow local RE syllabus</li> </ul>	

# YEAR 6

<p><b>Number/Calculation</b> Secure place value &amp; rounding to 10,000,000, including negatives All written methods, including long division Use order of operations (not indices) Identify factors, multiples &amp; primes Solve multi-step number problems</p> <p><b>Algebra</b> Introduce simple use of unknowns</p>	<p><b>Geometry &amp; Measures</b> Confidently use a range of measures &amp; conversions Calculate area of triangles / parallelograms Use area &amp; volume formulas Classify shapes by properties Know and use angle rules Translate &amp; reflect shapes, using all four quadrants</p> <p><b>Data</b> Use pie charts Calculate mean averages</p>	<p><b>Fractions, decimals &amp; percentages</b> Compare &amp; simplify fractions Use equivalents to add fractions Multiply simple fractions Divide fractions by whole numbers Solve problems using decimals &amp; percentages Use written division up to 2dp Introduce ratio &amp; Proportion</p>
<p><b>Spoken Language</b> Use questions to build knowledge Articulate arguments &amp; opinions Use spoken language to speculate, hypothesise and explore Use appropriate language</p> <p><b>Grammar</b> Use appropriate style Use the passive voice for purpose Use features to convey &amp; clarify meaning Use full punctuation Use language of subject/object Recognise formal vocabulary and structures such as the subjunctive form. Use and understand grammatical terms (English appendix 2 of the National Curriculum)</p>	<p><b>Reading</b> Read a broad range of genres Recommend books to others Make comparisons within/across books Learn and perform a wider range of poetry by heart Support inferences with evidence Summarising key points from texts Identify how language, structure, etc. contribute to meaning Discuss use of language, inc. figurative Discuss &amp; explain reading using debates and presentations providing reasoned justifications for views</p>	<p><b>Writing</b> Use knowledge of morphology &amp; etymology in spelling Develop legible personal handwriting style with speed Plan writing to suit audience &amp; purpose; use models of writing Develop character &amp; setting in narrative Select grammar &amp; vocabulary for effect Use a wide range of cohesive devices Ensure grammatical consistency</p>
<p><b>Computing</b></p> <ul style="list-style-type: none"> <li>Design &amp; write programs to solve problems</li> <li>Use sequences, repetition, inputs, variables and outputs in programs             <ul style="list-style-type: none"> <li>Detect &amp; correct errors in programs</li> </ul> </li> <li>Understand uses of networks for collaboration &amp; communication             <ul style="list-style-type: none"> <li>Be discerning in evaluating digital content</li> </ul> </li> </ul>	<p><b>Science</b></p> <p><b>Biology</b></p> <ul style="list-style-type: none"> <li>Living things and their habitats</li> <li>Animals including humans</li> <li>Evolution and Inheritance</li> </ul> <p><b>Physics</b></p> <ul style="list-style-type: none"> <li>Light</li> <li>Electricity</li> </ul>	
<p><b>PE</b></p> <ul style="list-style-type: none"> <li>Use running, jumping, catching and throwing in isolation and in combination             <ul style="list-style-type: none"> <li>Play competitive games, applying basic principles</li> </ul> </li> <li>Develop flexibility &amp; control in gym, dance &amp; athletics             <ul style="list-style-type: none"> <li>Take part in Outdoor &amp; Adventurous activities</li> </ul> </li> <li>Compare performances to achieve personal bests             <ul style="list-style-type: none"> <li>Swimming proficiency at 25m (KS1 or KS2)</li> </ul> </li> </ul>	<p><b>Art</b></p> <ul style="list-style-type: none"> <li>Use sketchbooks to collect, record, review, revisit &amp; evaluate ideas</li> <li>Improve mastery of techniques such as drawing, painting and sculpture with varied materials             <ul style="list-style-type: none"> <li>Learn about great artists, architects &amp; designers</li> </ul> </li> </ul>	
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<p><b>Geography</b></p> <ul style="list-style-type: none"> <li>Name &amp; locate counties, cities, regions &amp; features of UK</li> <li>Understand latitude, longitude, Equator, hemispheres, tropics, polar circles &amp; time zones             <ul style="list-style-type: none"> <li>Study a region of Europe, and of the Americas</li> </ul> </li> <li>Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc.             <ul style="list-style-type: none"> <li>Use 4- and 6-figure grid references on OS maps</li> </ul> </li> <li>Physical geography including coasts, rivers and the water cycle             <ul style="list-style-type: none"> <li>Use fieldwork to record &amp; explain areas</li> </ul> </li> </ul>	<p><b>History</b></p> <p><u>British History (taught chronologically)</u> An extended period study The changing power of monarchs - Crime &amp; punishment (Victorians) - Significant turning points in British history (WW2 and the Battle of Britain)</p> <p><u>Broader History Study</u> Non-European society, i.e. Benin (West Africa)</p>	
<p><b>MFL</b></p> <ul style="list-style-type: none"> <li>Listen &amp; engage</li> <li>Engage in conversations, expressing opinions</li> <li>Speak in simple language &amp; be understood             <ul style="list-style-type: none"> <li>Develop appropriate pronunciation</li> <li>Present ideas &amp; information orally</li> <li>Show understanding in simple reading</li> </ul> </li> <li>Adapt known language to create new ideas             <ul style="list-style-type: none"> <li>Describe people, places &amp; things</li> </ul> </li> <li>Understand basic grammar, e.g. gender past and present tense</li> </ul>	<p><b>RE</b></p> <ul style="list-style-type: none"> <li>Follow local RE syllabus</li> </ul>	