

Curriculum - Year 5

Reading

- 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 & debates

English

Writing

- 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

Grammar

- Use expanded noun phrases
 - Use modal & passive verbs
 - Use relative clauses
 - Use commas for clauses
 - Use brackets, dashes & commas for parenthesis
- #### Speaking & Listening
- Give well-structured explanations
 - Command of Standard English
 - Consider & evaluate different viewpoints
 - Use appropriate

Number/Calculation

- 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

Mathematics

Geometry & Measures

- 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
- #### Data
- Interpret tables & line graphs
 - Solve questions about line graphs

Fractions

- 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

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<p><u>Science</u></p> <p><u>Biology</u></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><u>Physics</u></p> <ul style="list-style-type: none"> • Forces, including gravity • Introduce gravity, resistance & mechanical forces 	<p><u>History</u></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"> - <i>The changing power of monarchs</i> - <i>Significant turning points in British history (WW1)</i> <p style="text-align: center;">-</p> <p>Broader History Study</p> <ul style="list-style-type: none"> • Ancient Greece, i.e. <ul style="list-style-type: none"> - <i>A study of Greek life and achievements and their influence on the western world</i> <p>Non-European Society, i.e.</p> <ul style="list-style-type: none"> - <i>Benin (West Africa)</i> <p>A local history study, e.g. A depth study linked to a studied period (History of the Railways)</p>	<p><u>Geography (UKS2)</u></p> <ul style="list-style-type: none"> • Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc. (Africa) 	<p><u>Physical Education</u></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 (KS1 or KS2) 	<p><u>Religious Education</u></p> <ul style="list-style-type: none"> • Continue to follow locally- agreed syllabus for R.E.
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<u>Art & Design (UKS2)</u>	<u>Computing (UKS2)</u>	<u>Design & Technology (UKS2)</u>	<u>Modern Languages (UKS2)</u>	<u>Music (UKS2)</u>
<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 (Angu Walters, Robert Stephenson - Stephenson' Rocket - railways)) 	<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 	<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 	<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 	<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