

Curriculum - Year 4

Reading

- 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

English

Writing

- 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

Grammar

- Use wider range of conjunctions
- Use perfect tense appropriately
- Select pronouns and nouns for clarity
- Use & punctuate direct speech
- Use commas after front adverbials

Speaking & Listening

- Articulate & justify opinions
- Speak audibly in Standard English
- Gain, maintain & monitor interest of listeners

Number/Calculation

- 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

Mathematics

Geometry & Measures

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

Data

- Use bar charts, pictograms & line graphs

Fractions & decimals

- Recognise tenths & hundredths
- Identify equivalent fractions
- Add & subtract fractions with common denominators
- Recognise common equivalents
- Round decimals to whole numbers
- Solve money problems

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<p><u>Science</u> Biology</p> <ul style="list-style-type: none"> • Classify living things • Food chains • Animals: skeletons & nutrition <p>Chemistry</p> <ul style="list-style-type: none"> • Changes of state • The water cycle • Classification of rock types • Simple understanding of fossilisation <p>Physics</p> <ul style="list-style-type: none"> • Electricity: simple circuits & conductors 	<p><u>History</u> British History (taught chronologically)</p> <ul style="list-style-type: none"> • Anglo-Saxons & Vikings, including: <ul style="list-style-type: none"> - <i>Roman withdrawal from Britain; Scots invasion</i> - <i>Invasions, settlements & kingdoms</i> - <i>Viking invasions; Danegald</i> - <i>Edward the Confessor</i> <p>Broader History Study</p> <ul style="list-style-type: none"> • A local history study, e.g. <ul style="list-style-type: none"> - A depth study linked to a studied period (The history of the canals; Isambard Kingdom Brunel) 	<p><u>Geography (LKS2)</u></p> <ul style="list-style-type: none"> • Use 8 points of compass, symbols & keys • Describe & understand climate, mountains, volcanoes, earthquakes, water cycle, settlements, trade links, etc. • Use fieldwork to observe, measure & record 	<p><u>Physical Education (LKS2)</u></p> <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 • <i>Swimming proficiency at 25m (KS1 or KS2)</i> 	<p><u>Religious Education</u></p> <ul style="list-style-type: none"> • Continue to follow locally-agreed syllabus for RE
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<p><u>Art & Design (LKS2)</u></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 (Renoir, Eric Joiner, Isambard Kingdom Brunel)	<p><u>Computing (LKS2)</u></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><u>Design & Technology (LKS2)</u></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• Understand seasonality; prepare & cook mainly savoury dishes	<p><u>Modern Languages (LKS2)</u></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	<p><u>Music (LKS2)</u></p> <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
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