

Curriculum Overview for Year 4

English

- 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
- 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

Art & Design (LKS2)

- 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

Computing (LKS2)

- 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

Design & Technology (LKS2)

- 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

Geography (LKS2)

- Locate world's countries, focussing on Europe & Americas
- focus on key physical & human features
- Study a region of the UK (not local area)
- Use 8 points of compass, symbols & keys
- Describe & understand climate, rivers, mountains, volcanoes, earthquakes, water cycle, settlements, trade links, etc.
- Use fieldwork to observe, measure & record

Mathematics

- 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
- 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
- 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
- Data**
- Use bar charts, pictograms & line graphs

Modern Languages (LKS2)

- 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

Music (LKS2)

- 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

Science

- Biology**
- Classify living things
 - Digestive system & teeth
 - Food chains
- Chemistry**
- Changes of state
 - The water cycle
- Physics**
- Sound as vibrations
 - Electricity: simple circuits & conductors

History

- British History (taught chronologically)**
- Roman Empire & impact on Britain:
 - Julius Caesar's attempted invasion
 - Roman Empire & successful invasion
 - British resistance, e.g. Boudicca
 - Romanisation of Britain
- Broader History Study**
- Earliest ancient civilisations, i.e.
 - Ancient Sumer;
 - Indus Valley;
 - Ancient Egypt; or
 - Shang Dynasty of Ancient China

Physical Education (LKS2)

- 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
- Swimming proficiency at 25m (KS1 or KS2)

Religious Education

Continue to follow locally-agreed syllabus for RE