

# Curriculum overview for Year 4

## English

### Reading

- Secure decoding of unfamiliar words
- Read for a range of purposes
- Retell some stories orally
- Discuss words and phrases that capture the imagination
- Identify themes & conventions
- Retrieve & record information
- Make inferences & justify predictions
- Recognise a variety of forms of poetry
- Identify and 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 and Listening
- Articulate & justify opinions
  - Speak audibly in Standard English
  - Gain, maintain & monitor interest of listeners

## Art (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 the internet safely and appropriately
- Collect and present data appropriately

## 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

### 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

## 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 and understand climate, rivers, mountains, volcanoes, earthquakes, settlements, trade links, etc.
- Use fieldwork to observe, measure & record

## 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 details
- 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

- Sounds as vibrations
- Electricity: simple circuits & conductors

## History

### British History

- Stone Age to Iron Age Britain, including: Hunter-gatherers and early farmers, Bronze age religion, technology & travel, Iron age hill forts

Or

- 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

- A local history study, e.g. A depth study linked to a studied period, a study of a period of time, a post- 1066 study of relevant local history

Or

- 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