

## 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

## DESIGN & TECHNOLOGY

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

## ART & DESIGN

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

## 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

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

## COMPUTING

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

## GEOGRAPHY

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

## SCIENCE

Sound as vibrations  
Digestive system & teeth  
Living things-Food chains, classification keys, environments  
Changes of state- heating/cooling  
Materials- solids, liquids, gases  
The water cycle-evaporation, condensation  
Electricity: simple circuits, conductors & insulators, switches

Asking relevant questions and use different types of scientific enquiries to answer them.  
Make systematic and careful observations.  
Gather, record, classify and present data in a variety of ways to help answer questions and to draw simple conclusions.  
Identifying differences, similarities or changes related to simple scientific ideas and processes.

## HISTORY

### Broader History Study

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

### Broader History Study

Earliest ancient civilisations, i.e.  
**Ancient Egypt**

## MUSIC

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

## PHYSICAL EDUCATION

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)*

## MODERN LANGUAGES

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

## RELIGIOUS EDUCATION

Continue to follow locally- agreed syllabus for RE

**Year 4**