Curriculum Objectives & Content 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
Organised writing in to paragraphs
Use simple organisational devices
Proof-read for spelling & punctuation errors
Evaluate own & others' writing
Read own writing aloud

Grammar
Use wider range of conjunctions
Use perfect tense appropriately
Select pronouns & nouns for clarity
Use & punctuate direct speech
Use commas after fronted 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 & evaluate ideas
Improve mastery of techniques such as drawing, painting & 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 & appropriately
Collect & present data appropriately

Mathematics

Number / Calculation
Know all tables to 12 x 12
Secure place value to 1000
Use negative 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 2d 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
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 & prototypes to explain ideas
Evaluate existing products & improve own work
Use mechanical systems in own work
Understand seasonality; prepare & cook mainly savoury dishes

Geography (Y4)

Understand latitude, longitude, Equator, Northern/Southern Hemisphere, tropics of Cancer/Capricorn, Arctic, Antarctic circle, Prime/Greenwich meridian
Rivers/water cycle – types of settlement/land use
Fieldwork to observe features in local area
Name & locate key topographical features
Distribution of natural resources

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 & 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 (Y4)

The Roman empire & it's impact on Britain
A study of Greek life & achievements & their influence on the western world
A study of an aspect or theme in British history that extends pupils' knowledge beyond 1066
A significant turning point in British history

Physical Education (LKS2)

Use running, jumping, catching & throwing in isolation & in combination
Play cooperative 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

Following locally-agreed syllabus for RE