Curriculum Overview for 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

•Know all tables to 12 x 12

Secure place value to 1000

Multiply & divide mentally

Use negative whole numbers

•Round numbers to nearest 10, 100

Use Roman numerals to 100 (C)

Column addition & subtraction up

Use standard short multiplication

Number/Calculation

or 1000

to 4 digits

Science

Food chains

Chemistry

Classify living things

Digestive system & teeth

Biology

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

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

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

- Earliest ancient civilisations, i.e.
 - Ancient Sumer;
 - Indus Valley;
 - Ancient Egypt; or
 - Shang Dynasty of Ancient China

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

countries, focussing on Europe & Americas

mountains, volcanoes, earthquakes, water

• Use fieldwork to observe, measure & record

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,

cycle, settlements, trade links, etc.

Design & Technology (LKS2) Geography (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

Languages (LKS2) Modern

- 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)

• Locate world's

- Use voice & instruments with increasing accuracy, control and expression
 - Improvise & compose music
- Listen with attention to detail
- Appreciate wide range of live & recorded
- Begin to develop understanding of history

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
- Swimming proficiency at 25m (KS1 or KS2)

Religious

(Education

Continue to follow locallyagreed syllabus for RE

Physics

Sound as vibrations

 Changes of state •The water cycle

•Electricity: simple circuits & conductors

Broader History Study