Curriculum Overview for Year 4

Reading

- Secure decoding of unfamiliar
- •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

Use negative whole numbers

•Round numbers to nearest 10, 100

•Use Roman numerals to 100 (C)

Multiply & divide mentally

Column addition & subtraction up

•Use standard short multiplication

Number/Calculation

or 1000

to 4 digits

Science

Food chains

 Changes of state •The water cycle

Chemistry

Physics

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

Broader History Study

- 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
- Improve mastery of techniques such as drawing. painting and sculpture with varied materials
- Learn about great artists, architects & designers



Design & Technology (LKS2)

Evaluate existing products and

• Understand seasonality; prepare & cook mainly

Use mechanical systems in own work

• Use research& criteria to develop products which

Geography (LKS2)

 Locate world's countries, focussing on Europe & Americas focus on key physical & human features

Computing (LKS2)

• Design & write programs to achieve specific

Understand computer networks

Use logical reasoning

goals, including solving problems

• Use internet safely and appropriately

Collect and present data appropriately

- 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

Modern

savoury dishes

are fit for purpose

Use annotated sketches and

prototypes to explain ideas

improve own work

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
- Begin to develop understanding of history

Education (LKS2) Physical Use running,

- jumping, catchin 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

Created by Michael Tidd 2013

Sound as vibrations

Electricity: simple circuits & conductors