Curriculum Overview for Year 3

Reading

- •Use knowledge to read 'exception' •Use prefixes & suffixes in spelling words
- •Read range of fiction & non-fiction •Write simple dictated sentences

- Check own understanding of reading
- Draw inferences & make predictions
- •Retrieve & record information from •Create simple settings & plot non-fiction books
- Discuss reading with others

Number/Calculation

•Learn 3, 4 & 8x tables

•Secure place value to 100

Written column addition &

or hundreds to numbers of up to 3

Solve number problems, including

multiplication & simple division

and missing number problems

Use commutativity to help

English

Writing

- •Use dictionary to confirm spellings
- •Use dictionaries to check meaning •Use handwriting joins appropriately pronouns
- •Prepare poems & plays to perform •Plan to write based on familiar forms
 - Rehearse sentences orally for writing
 - Use varied rich vocabulary

 - Assess effectiveness of own and others' writing

Grammar

- •Use range of conjunctions
- Use perfect tense
- •Use range of nouns &
- Use time connectives
- •Introduce speech punctuation
- Know language of clauses **Speaking & Listening**
- •Give structured descriptions
- Participate activity in conversation

Consider & evaluate different viewpoints

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

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

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,

• Use fieldwork to observe, measure & record

settlements, trade links, etc.

Geography (LKS2)

Locate world's

Mathematics

Geometry & Measures

- •Measure & calculate with metric measures
- Measure simple perimeter
- Mentally add & subtract units, tens Add/subtract using money in context
 - •Use Roman numerals up to XII; tell time
 - •Calculate using simple time problems
 - •Draw 2-d / Make 3-d shapes
 - Identify and use right angles
 - •Identify horizontal, vertical, perpendicular and parallel lines

Fractions & decimals

- Use & count in tenths
- Recognise, find & write fractions
- •Recognise some equivalent fractions
- Add/subtract fractions up to <1
- Order fractions with common denominator

Data

Interpret bar charts & pictograms

Design & Technology (LKS2)

- Use research& criteria to develop products which are fit for purpose
- Use annotated sketches and prototypes to explain ideas

Modern

• Ask & answer questions

Listen & engage

- Evaluate existing products and improve own work
- Use mechanical systems in own work • Understand seasonality; prepare & cook

Speak in sentences using familiar vocabulary

mainly savoury dishes

Develop appropriate pronunciation

• Show understanding of words & phrases

Appreciate stories, songs, poems & rhymes

Languages (LKS2) 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

Science

digits

subtraction

calculations

Biology

- Plants, incl. parts, lifecycle and requirements for life
- Animals: skeletons & nutrition

Chemistry

- Classification of rock types
- •Simple understanding of fossilisation

Physics

- •Sources of light; shadows & reflections
- Simple forces, including magnetism

History

British History (taught chronologically)

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

- A depth study linked to a studied period

- A post-1066 study of relevant local history

- Iron age hill forts

• A local history study, e.g.

- A study over a period of time

Broader History Study

Physical

Broaden vocabulary

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

Created by Michael Tidd 2013

Curriculum Overview for Year 4

ideas

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

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:

- British resistance, e.g. Boudicca

- Julius Caesar's attempted invasion

- Roman Empire & successful invasion

Romanisation of Britain

Modern Listen & engage

Languages (LKS2)

- Ask & answer questions
- Speak in sentences using familiar vocabulary
- Develop appropriate pronunciation
- Show understanding of words & phrases
- Appreciate stories, songs, poems & rhymes
- Broaden vocabulary

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)

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

focus on key physical & human features

Use 8 points of compass, symbols & keys

mountains, volcanoes, earthquakes, water

Use fieldwork to observe, measure & record

• Study a region of the UK (not local area)

• Describe & understand climate, rivers,

cycle, settlements, trade links, etc.

Design & Technology (LKS2) Geography (LKS2)

- Use research& criteria to develop products which
- Use annotated sketches and prototypes to explain ideas

are fit for purpose

 Evaluate existing products and improve own work

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

- Use mechanical systems in own work
- Understand seasonality; prepare & cook mainly savoury dishes

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

Religious

(Education

Continue to follow locallyagreed syllabus for RE

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
- Column addition & subtraction up
- Multiply & divide mentally

- Use Roman numerals to 100 (C)
- to 4 digits
- Use standard short multiplication

Science

Biology

- Classify living things
- Digestive system & teet

•Food chains

Chemistry

- Changes of state
- •The water cycle

Physics

- Sound as vibrations
- •Electricity: simple circuits & conductors

Broader History Study

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

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