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

Recognise hundredths & find effect of

dividing 1 or 2 digit nos. By 10,100.

Identify answers as ones, tenths,

• Recognise common equivalents in

• Round decimals to whole nos &

Solve money problems involving

• Interpret charts, pictograms & line

fractions to 2 decimal places

• + & - fractions with common

Identify & summarise ideas

Fractions & decimals

Identify & show

hundredths

denominators

compare

Data

fractions & decimals

equivalent fractions

Grammar

- Use wider range of conjunctions
- Use perfect tense appropriately
- Select pronouns and nouns for clarity

English

- Use & punctuate direct speech
- Use commas after fronted adverbials
- Use the possessive apostrophe

Speaking & Listening

- Articulate & justify opinions
- Speak audibly in Standard English
- Gain, maintain & monitor interest of listeners

Writing

- Correctly spell further homophones (English Appendix 1)
- Increase regularity of handwriting
- Plan writing based on familiar forms
- Organise writing into paragraphs
- Use simple organisational devices
- Proof-read for spelling & punctuation
- Evaluate own and others' writing

 Read own writing aloud

Mathematics Number/Calculation

- Know all tables to 12 x 12
- Secure place value to 1000; order & compare; estimate
- Use negative whole numbers
- Round numbers to nearest 10, 100 or 1000
- Use Roman numerals to 100
- Column addition & subtraction up to 4 digits
- Multiply & divide mentally inc 3 nos
- Recognise & use factor pairs & commutativity in mental calculations
- Use standard short multiplication
- Solve number problems involving all of above

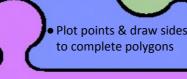
Geometry & Measures

- Compare 2-d shapes, inc quadrilaterals &
- Convert units of measure (km to m; hours to minutes). Between analogue & digital
- Solve problems involving conversions
- Find area by counting squares
- Calculate rectangle perimeters cm & m
- Identify acute, obtuse & right angles
- Use first quadrant coordinates
- Introduce simple translation

- triangles

- Estimate & calculate measures

Identify symmetry



History

Biology

graphs

Solve problems

- Classify living things using classification keys
- Digestive system & teeth

Science

Food chains

Chemistry

Changes of state

Physics

- Sound as vibrations
- Patterns between pitch & object features
- Patterns between volume & strength of vibration
- Electricity: appliance, simple circuits & conductors

British History (taught chronologically)

- Anglo-Saxons,, including:
- Roman withdrawal from Britain; Scots invasion
- Invasions, settlements & kingdoms
 - •Laws & justice
 - Christian Conversion Canterbury, Iona,
 - Art & Culture
- Lindisfarne

Vikings

- Viking raids & invasions;
- Danegald
- Edward the Confessor & his death in 1066

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

Design & Technology (LKS2) Geography (LKS2)

- Use research & criteria to develop products which are fit for
- Use annotated sketches & prototypes to explain ideas
- Evaluate existing products & improve own work
- Select wide range of tools
- Us<u>e me</u>chanical systems in own work

• Cook savoury dishes for a healthy & varied diet

- Apply strengthening, stiffening, reinfor techniques to complex structures
- Understand & apply principles of a healthy & varied diet

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

- Locate world's countries, focusing 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 settlements & trade links
- Use fieldwork to observe, measure & record

Music (LKS2)

- Use voice & instruments with increasing accuracy. control & expression
 - Improvise & compose music
 - •Listen with attention to detail & recall sounds with increasing aural memory

Education

why is he important

- Appreciate wide range of live & recorded music from different traditions, composers, musicians
- Begin to develop understanding of history

Physical

Education (LKS2)

- Use running, jumping, catching & throwing in isolation & in
- Play competitive games, modified as appropriate
- Develop flexibility & control in gym, dance & athletics
- Compare performances to achieve personal bests
- Take part in Outdoor & Adventurous activities

Religious

• Who was Buddah & to Buddhists?

- How did Jesus change lives?
 - What is the Torah & why is it important to Jewish people?
 - What role does religion play in our local
- What do signs & symbols mean?