Carleton House 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 idea

• 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

• Know all tables to

12 x 12

or 1000

to 4 digits

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
- 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



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

- 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

Art & Design (LKS2)

• Use sketchbooks to collect, record and evaluate

• Improve mastery of techniques such as drawing,

Learn about great artists, architects & designers

painting and sculpture with varied materials

Use annotated sketches and prototypes to explain ideas

> improve own work Use mechanical systems in own work

Evaluate existing products and

 Understand seasonality; prepare & cook mainly savoury dishes

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

Geography

(LKS2)

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

Spanish (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 music
- Begin to develop understanding of history of music

Science

Biology

- Classify living things
- Digestive system & teeth
- Food chains

Chemistry

- Changes of state
- The water cycle

Physics

- Sound as vibrations
- Electricity: simple circuits & conductor

History (LKS2)

British History (taught chronologically)

- changes in Britain from the Stone Age to the Iron Age
 - The Tudors/ Henry VIII

- Earliest ancient civilisations, i.e.

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 bests

Religious

Education

- People The family of God in Scripture
- Called Confirmation: call to witness
- Gift God's gift of love & mendship in Jesus
- Community Life in the local Christian community: ministries
- Giving & eceiving Living in communion
- Self discipline Celebrating growth to new life
- New life To hear & live the Easter message
- Building bridges Admitting wrong, being reconciled with God and each other Sacrament of Reconciliation
- God's people Different saints show people what God is like

Broader History Study

- Aztecs and Incas