Curriculum Overview for Year 4 (Please see half-termly curriculum maps for specific units of work)

evaluate ideas

English

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
- Identify & summarise ideas

Know all tables to 12 x 12

Secure place value to 1000

Use negative whole numbers

Use Roman numerals to 100 (C)

Multiply & divide mentally

Round numbers to nearest 10, 100

Column addition & subtraction up

Use standard short multiplication

Number/Calculation

or 1000

to 4 digits

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
- Use & punctuate direct speech
- Use commas after fronted 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 & decimals

- Recognise tenths & hundredths
- Identify equivalent fractions
- Add & subtract fractions with common denominators
- Recognise common equivalents
- Round decimals to whole numbers
- Solve money problems

Learn about great artists, architects & designers

Improve mastery of techniques such as drawing,

painting and sculpture with varied materials

Art & Design (LKS2)

Use sketchbooks to collect, record, review, revisit &

- Use research & criteria to develop products

 - 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

Design & Technology (LKS2)

- 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

Geography

(LKS2)

- Locate world's countries, focussing on Europe &
- Identify on key physical & human features in Europe and Africa
- Study a region of the UK (not local area)
- Use 8 points of compass, symbols & keys
- Describe & understand rivers, earthquakes, volcanoes and droughts
- Use fieldwork to observe, measure & record

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

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

Biology

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

Chemistry

- Changes of state
- The water cycle

Physics

- Sound as vibrations
- Electricity: simple circuits & conductors

Throughout these units children will work scientifically.

History

Conflict: Romans

- Armour
- Weaponry
- Key individual: Boudicca

Rich and Poor: Romans

Social structure – Emperor, Senator, citizens and slaves

The Achievements and Beliefs of Early **Civilisations: Romans**

- Engineering roman baths
- Roman Gods and the birth of Christianity

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 Swimming proficiency at 25m (KS1 or KS2)
- Some PE lessons are taught by specialist PE coaches.

Religious

Continue to follow locally- agreed syllabus

for RE -

Education

Understanding Christianity and the Leicester scheme of work covering the following units:

Beautiful World

How do we show we care?

- Visiting places of worship
- Hinduism key focus Diwali
- Is life like a journey?
- Inspirational people

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