Curriculum Overview for Year 4

Reading

- To develop positive attitude to reading and understand what they have read
- Read for a range of purposes
- Retell some stories orally
- Discuss words and phrases that capture the imagination
- Identify themes and conventions
- Retrieve and record information
- Make inferences and justify predictions

Number/Calculation

10,100 or 1000

4 digits

Science

Biology

Know tables to 12 x 12

Secure place value to 1000

Use negative whole numbers

Round numbers to the nearest

Use roman numerals to 100 (c)

Multiply and divide mentally

Classify living things

Food chains

Chemistry

Digestive system and teeth

Column addition & subtraction up to

Multiply 2 and 3 digits by one digit

- Recognise a variety of forms of poetry and perform poetry and plays
- To identify and 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 and punctuation errors
- Evaluate own and others writing
- Read own writing aloud

Grammar

- Use wide range of conjunctions
- Use the perfect tense
- Select pronouns and nouns for clarity
- Use and punctuate direct speech
- Use commas after fronted adverbials

Speaking and listening

- Articulate and justify opinions
- Speak audibly in standard English



Mathematics

- Geometry and Measure
- Compare 2d shapes including quadrilaterals & triangles
- Find the area by counting squares
- Calculate rectangle perimeters
- Estimate & calculate measures
- Identify acute, obtuse & right angles
- Identify symmetry
- Use first quadrant coordinates
- Introduce simple translations

Statistics

• Use bar charts, pictograms and line graphs

Fractions and decimals

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

- Roman empire and its impact on Britain
- Local area study

Art & Design

- 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 and designers

Computing

- Design and write programs to achieve specific goals, including solving problems
- Use logical reasoning
 - Understand computer networks
 - · Use internet safely, respectfully and

Design & Technology

- Use research and criteria to develop products 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
- Understand seasonality; prepare and cook savoury dishes

Geography

- Locate worlds countries focussin on key physical and human features
- Study a region of the UK
- Use 8 points of the compass, symbols and keys
- Describe and understand climate, rivers, mountains, rivers, volcanoes, earthquakes, water cycle, settlement, trade links etc.
- Use fieldwork to observe, measure and record

Modern

Languages

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

Music

- Use voice and instruments with increasing accuracy, control and expression
 - Improvise and compose music. Listen with attention to detail
- Appreciate a wide range of live and recorded
- Begin to develop an understanding of history of

Physical

jumping, throwing

• Use running,

Education

- and catching in isolation and in combination
- Play competitive games, modified as appropriate
- Develop flexibility and control in gym, dance and
- Compare performances to achieve personal best
- Take part in outdoor and adventurous activities
- Swimming proficiency to 25m

Religious

Education

- Worship, pilgrimage and sacred places
- **Beliefs** and questions
 - Faith and the arts
 - Inspirational people
 - Following the Devon RE syllabus

Physics

Sound as vibrations

Changes of state

• The water cycle

• Electricity: simple circuits & conductors

History

- Stone age and the iron age