Curriculum Overview for Year Four

English

Reading
- Secure decoding of unfamiliar words
- 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
- Recognise a variety of forms of poetry
- Identify and summarise ideas

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 wider range of conjunctions
- Use perfect tense appropriately
- Select pronouns and nouns for clarity
- Use and punctuate direct speech
- Use commas after front adverbials

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

Art and Design

- Use sketchbooks to collect, record and evaluate ideas
- Improve mastery of techniques such as drawing, painting and sculpture with varied materials
- Learn about great artists, architects and designers
- Andy Warhol
- Matisse

Computing

- Design and 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
  - Keeping e-safe

Mathematics

Number
- Know all multiplication and division facts up to 12 x 12
- Secure place value to 1000
- Use negative whole numbers
- Round numbers to nearest 10, 100 or 1000
- Use Roman numerals to 100 (C)
- Column addition and subtraction up to 4 digits
- Multiply and divide mentally
- Use standard short multiplication

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

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

Statistics
- Use bar charts, pictograms and line graphs

Design and 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 work

Geography

- Locate world's countries on Europe and Americas - focus on key physical and human features
- Study a region of the UK (not local area)
- Use eight points of compass, symbols and keys
- Describe and understand climate
- Use fieldwork to observe, measure and record
- Llandudno

Modern Languages

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

Music

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

Science

Biology
- Classify living things
- Living things and their habitats
- Animals including humans

Chemistry
- States of matter

Physics
- Sound as vibrations
- Electricity: simple circuits and conductors

PSHE
- Understand the emotions of myself and others
- Give examples of healthy lifestyles
- Develop financial capabilities

History

British History (taught chronologically)
- Stone Age to Iron Age including hunter gatherers and early farmers
- Iron age hill forts
- Roman Empire and impact on Britain:
  - Julius Caesar's attempted invasion
  - Roman Empire and successful invasion
  - British resistance, e.g. Boudica
  - Romanisation of Britain
  - Invasions, settlements and Kingdoms

Physical Education

- Use running, jumping, catching and throwing in isolation and in combination
- Play competitive games, modified as appropriate
- Develop flexibility and control in gymnastics, dance and athletics
- Compare performances to achieve personal bests
- Swimming proficiency at 25m

Religious Education

Rites of passage
- Birth
- Growing up
- Marriage
- The end of the journey
- Locally agreed syllabus for RE
- Making good choices, following rules, Britishness, modern democracy