Curriculum Overview for Year 3

English

Reading
- Use knowledge to read 'exception' words
- Read range of fiction & non-fiction
- Use dictionaries to check meaning
- Prepare poems & plays to perform
- Check own understanding of reading
- Draw inferences & make predictions
- Retrieve & record information from non-fiction books
- Discuss reading with others

Writing
- Use prefixes & suffixes in spelling
- Use dictionary to confirm spellings
- Write simple dictated sentences
- Use handwriting joins appropriately
- Plan to write based on familiar forms
- Rehearse sentences orally for writing
- Use varied rich vocabulary
- Create simple settings & plot
- Assess effectiveness of own and others' writing

Grammar
- Use range of conjunctions
- Use perfect tense
- Use range of nouns & pronouns
- Use time connectives
- Introduce speech punctuation
- Know language of clauses

Speaking & Listening
- Give structured descriptions
- Participate activity in conversation
- Consider & evaluate different viewpoints

Art & 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 & designers

Computing

- 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

Mathematics

Number/Calculation
- Learn 3, 4 & 8x tables
- Secure place value to 100
- Mentally add & subtract units, tens or hundreds to numbers of up to 3 digits
- Written column addition & subtraction
- Solve number problems, including multiplication & simple division and missing number problems
- Use commutativity to help calculations

Geometry & Measures
- Measure & calculate with metric measures
- Measure simple perimeter
- Add/subtract using money in context
- Use Roman numerals up to XII; tell time
- Calculate using simple time problems
- Draw 2-d / Make 3-d shapes
- Identify and use right angles
- Identify horizontal, vertical, perpendicular and parallel lines

Fractions & decimals
- Use & count in tenths
- Recognise, find & write fractions
- Recognise some equivalent fractions
- Add/subtract fractions up to <1
- Order fractions with common denominator

Data
- Interpret bar charts & pictograms

Design & Technology

- Use research& criteria to develop products which are fit for purpose (puppets)
- Use annotated sketches and prototypes to explain ideas
- Evaluate existing products and improve own work
- Use mechanical systems in own work (levers and linkages)
- Understand seasonality; prepare & cook mainly savoury dishes – food from an area of the world

Geography

- Town Planners – study of region of the UK (not just local area) - New Towns and Model Villages, Ghost towns
- focus on key physical & human features, fieldwork
- Use 8 points of compass, symbols & keys
- Describe & understand climate, rivers, mountains, volcanoes, earthquakes, settlements, trade links, etc.

Spanish

- 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

- 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

Science

- Plants, incl. parts, lifecycle and requirements for life
- Animals: skeletons & nutrition
- Sources of light; shadows & reflections
- Simple forces, including magnetism
- Electricity and circuits
- Work scientifically, developing scientific enquiry skills,
- Conduct and evaluate comparative and fair tests

History

- The achievements of the earliest civilisations: study of Ancient Egypt
- an overview of where and when the first civilizations appeared and a in depth study of Ancient Egypt,
  - understand how we know about the past through sources
  - use and interpret relevant historical information

History in the news, including local history

Black History Month
Local figures including Paul Stephenson and Princess Campbell

Physical Education

- 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*

Religious Education

- Why are some journeys and places special?
- What does it mean to belong to a religion?
- Study of Hinduism