# Curriculum Overview for Year 3

## 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

## Year 3 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

## Year 3 Science

**Biology**
- The parts of plants and the function of flowers
- Animals: skeletons & nutrition

**Chemistry**
- Heating, cooling and the three states of matter
- Rocks and fossils

**Physics**
- Sources of light; shadows & reflections

## Year 3 History
- The Romans
- A study of castles
- The Tudors

## Year 3 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

## Year 3 Design & Technology
- Use research & criteria to develop products which are fit for purpose
- Use annotated sketches and prototypes to explain ideas
- Evaluate existing products and improve own work
- Prepare & cook savoury dishes

## Year 3 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
- Understand basic grammar, e.g. gender

## Year 3 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

## Year 3 Geography
- Locate world's countries, focussing on Europe & Americas focus on key physical & human features
- A study of South America
- Describe & understand climate, rivers, mountains, volcanoes, earthquakes, settlements, trade links, etc.
- Use maps and symbols to explore the local area

## Year 3 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 music history

## Year 3 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

## Year 3 Religious Education
- Islam
- Christianity
- Judaism
- Sikhism
- Hinduism