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

PSHE

- Health and wellbeing
- Relationships
- Living in the wider world

Art & Design

- Use sketchbooks to collect, record, review and revisit ideas
- Improve mastery of drawing, painting and sculpture techniques with varied materials
- Learn about great artists, architects & designers

Computing

- Design, write and debug programs to achieve specific goals
- Use logical reasoning
- Use internet safely and appropriately
- Collect and present data appropriately
- Use search technologies effectively

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
- Use annotated sketches and prototypes to explain ideas
- Evaluate existing products and improve own work
- Use mechanical systems in own work
- Understand seasonality; prepare & cook mainly savoury dishes

Geography

- Use world maps, atlases and globes
- Locate world's countries, focussing on Europe (Italy –Roman Empire)
- Study a region of the UK
- Use symbols & keys
- Describe & understand climate zones, rivers, mountains, settlements, trade links, etc.
- Use fieldwork to observe, measure & record
- Understand the physical and human features of the places studied

Modern Languages

- 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

- Further develop sense of pulse, rhythm, pitch, mood and structure through a vocal-aural approach.
- Use voice & instruments with increasing accuracy, fluency, control and expression
- Improvise & compose music using the interrelated dimensions of music.
- Use and understand musical notation.
- Listen with attention to detail
- Appreciate wide range of live & recorded music

Science

- Use practical scientific methods, processes and skills

Plants:

- Functions of different parts of flowering plants.
- Requirements for life and growth.
- Lifecycles of plants

Animals including humans:

- Teeth, healthy eating, nutrition

Rocks:

- Classification of rock types
- Simple understanding of fossilisation
- Recognise that soils are made from rocks

Light:

- Sources of light; shadows & reflections

Forces and Magnets:

- Magnetism and comparing how things move on different surfaces

History

- **British History (taught chronologically):**
- Changes in Britain from the Stone Age to the Iron Age (*hunter-gatherers and early farmers,* Bronze age religion, technology & travel , e.g.Stonehenge, Iron Age hill forts)
- The Roman Empire and its impact on Britain (Julius Caesar's attempted invasion in 55-54 B, The Roman Empire by AD 42 and the power of its army, 'Romanisation' of Britain)

Physical Education

- Use running, jumping, catching and throwing in isolation and in combination
- Play competitive games applying basic principles of attacking and defending
- Develop flexibility, strength, technique & control in gym, dance & athletics
- Compare performances to achieve personal bests

Religious Education

What does it mean to be a Christian in Britain today?
What do different people believe about God?
Why are festivals important to religious communities?
Why do we pray?
Why is the Bible important for Christians?