Curriculum Overview for Year 3

English

Writing (English Appendix 1)

- Use prefixes & suffixes in spelling
- Use dictionary to confirm spellings
- Write simple dictated sentences
- Use handwriting joins appropriately
- Increase legibility, consistency & quality of handwriting
- Plan to write based on familiar forms
- Rehearse sentences orally
- Use varied rich vocabulary
- Create settings, characters & plot
- Use organisational devices for non-fiction
- Assess effectiveness of own & others' writing

Grammar (English Appendix 2)

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

Speaking & Listening

- Give structured descriptions
- Participate actively in conversation
- Consider & evaluate different viewpoints

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

Art & Design (LKS2)

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

Computing (LKS2)

- Design & write programs to achieve specific goals, including solving problems
- Use logical reasoning
- Understand computer networks
- Use internet safely & appropriately
- Collect & present data appropriately

Mathematics

Fractions & decimals

- Use & count in tenths
- Recognise, find & write fractions
- Recognise & show some equivalent fractions
- Add/subtract fractions up to <1
- Order fractions with common denominator
- Solve problems using above

Data

- Interpret bar charts ,Pictograms & tables
- Solve 1&2 step problems

Geometry & Measures

- Measure, compare, add & subtract lengths, mass, volume/ capacity
- Measure simple perimeter
- Add/subtract money in context £ & p
- Tell & write analogue time inc use of Roman numerals up to XII; 12 & 24 hour clock
- Estimate, read time to nearest minute;use vocab sec minutes, hours, days,months,years & relationships
- Calculate using simple time problems
- Draw 2-d / Make 3-d shapes
- Identify & use angles & right angles
- Identify horizontal, vertical, perpendicular & parallel lines

Number/Calculation

- Learn 2, 3, 4,5, 6, 8, 10x tables
- Secure place value to 100
- Read, write, compare & order nos.to 1000 in numbers & words
- Mentally add & subtract units, tens or hundreds to numbers of up to 3 digits
- Written column addition & subtraction
- Solve number problems, including 4 operations & missing number problems

Design & Technology (LKS2)

Engineering and Food Technology

- Use research & criteria to develop products which are fit for purpose
- Use annotated sketches and prototypes to explain ideas
- Select wide range of tools
- Understand and apply principles of a healthy and varied diet

Geography (LKS2)

- Locate world's countries, focusing on Europe & Americas; focus on key physical & human features
- Use 8 points of compass, symbols & keys
- Describe & understand earthquakes & volcanoes
- Use fieldwork to observe, measure & record
- Study a region of South America / The Amazon and Rainforest

Modern Languages (LKS2)

- Understand classroom instructions
- Count to 10
- Hold a short conversation
- Develop vocabulary: colours and objects
- Write a simple sentence
- Recite stories and rhymes / sing songs
- Use grammar: masculine and feminine

Music (LKS2)

- Improvise & compose music
- Use voice & instruments with increasing accuracy, control & expression
- Listen with attention to detail & recall sounds with increasing aural memory
- Appreciate wide range of live & recorded music from different traditions, composers, musicians
- Begin to develop understanding of history

Science

Biology

- Plants, including parts, of flowering plants, lifecycle & requirements for life & growth
- Investigate water transportation within plants
- Animals: skeletons, muscles & nutrition

Chemistry

- Classification of rock types
- Simple understanding of fossilisation
- Recognise soils are made from rocks & organic matter

Physics

- Sources of light; shadows & reflection
- Recognise light from the sun can be dangerous
- Simple forces, including magnetism

History

British History (taught chronologically)

- Stone Age to Iron Age Britain, including:
- Hunter-gatherers & early farmers
- Bronze Age religion, technology & travel
- Iron Age hill forts

The Roman Empire & its impact on Britain

- Julius Caesar -
- Roman Empire by AD 42 + army
- Claudius & Conquest - Hadrian's Wall
- British Resistance - Boudica
- 'Romanisation 'of Britain; technology, culture, beliefs, early Christianity

Physical Education (LKS2)

- Use running, jumping, catching & throwing in isolation & in combination
- Play competitive games, modified as appropriate
- Develop flexibility & control in gym, dance & athletics
- Compare performances to achieve personal bests
- Swimming proficiency & water safety (25m, range of strokes, self rescue in different situations)

Religious Education & Worldviews

- Pentecost and Easter
- Islam
- What do we know about Jesus?
- What do people believe about creation?
- What is faith?