Curriculum Overview for Year 6

Year 6 English

Reading
- Read a broad range of genres
- Recommend books to others
- Make comparisons within/across books
- Support inferences with evidence
- Summarising key points from texts
- Identify how language, structure, etc. contribute to meaning
- Discuss use of language, inc. figurative
- Discuss & explain reading, providing reasoned justifications for views

Writing
- Use knowledge of morphology & etymology in spelling
- Develop legible personal handwriting style
- Plan writing to suit audience & purpose; use models of writing
- Develop character & setting in narrative
- Select grammar & vocabulary for effect
- Use a wide range of cohesive devices
- Ensure grammatical consistency

Grammar
- Use appropriate register/ style
- Use the passive voice for purpose
- Use features to convey & clarify meaning
- Use full punctuation
- Use language of subject/object

Speaking & Listening
- Use questions to build knowledge
- Articulate arguments & opinions
- Use spoken language to speculate, hypothesise & explore
- Use appropriate register & language

Year 6 Mathematics

Number/Calculation
- Secure place value & rounding to 10,000,000, including negatives
- All written methods, including long division
- Use order of operations (not indices)
- Identify factors, multiples & primes
- Solve multi-step number problems

Algebra
- Introduce simple use of unknowns

Geometry & Measures
- Confidently use a range of measures & conversions
- Calculate area of triangles / parallelograms
- Use area & volume formulas
- Classify shapes by properties
- Know and use angle rules
- Translate & reflect shapes, using all four quadrants

Data
- Use pie charts
- Calculate mean averages

Fractions, decimals & percentages
- Compare & simplify fractions
- Use equivalents to add fractions
- Multiply simple fractions
- Divide fractions by whole numbers
- Solve problems using decimals & percentages
- Use written division up to 2dp
- Introduce ratio & proportion

Year 6 Science

Biology
- Classification, including micro-organisms
- Evolution & Adaptation
- Diet and the human digestion system

Chemistry
- Gases and evaporation
- Dissolving

Physics
- Understanding light
- Electrical circuits

Year 6 History

- A significant turning point in British History – The Battle of Britain
- Invasions, settlements and kingdoms – Britain's settlement by the Anglo-Saxons, place names and village life.
- Viking raids and invasion – The Viking struggle for the Kingdom of England

Year 6 Art & Design

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

Year 6 Design & Technology

- Use research& criteria to develop products which are fit for purpose and aimed at specific groups
- Use annotated sketches, cross-section diagrams & computer-aided design
- Analyse & evaluate existing products and improve own work
- Use mechanical & electrical systems in own products, including programming
- Cook savoury dishes for a healthy & varied diet

Year 6 Spanish

- Listen & engage
- Engage in conversations, expressing opinions
- Speak in simple language & be understood
- Develop appropriate pronunciation
- Present ideas & information orally and in writing
- Show understanding in simple reading
- Adapt known language to create new ideas
- Describe people, places & things
- Develop grammar use in sentences

Year 6 Physical Education

- Use running, jumping, catching and throwing in isolation and in combination
- Play competitive games, applying basic principles
- Develop flexibility & control in gym, dance & athletics
- Take part in Outdoor & Adventurous activities
- Compare performances to achieve personal bests

Year 6 Computing

- Internet Safety – Being responsible e-citizens
- Understanding and using HTML for coding
- Website design
- Creating computer animations
- Using computers to handle data

Year 6 Geography

- Name & locate counties, cities, regions & features of UK
- Understand the key aspects on volcanoes, water distribution and the water cycle
- Use maps, atlases, globes and digital mapping to locate countries – European focus
- Use fieldwork to observe, measure and record human and physical features in the local area

Year 6 Music

- Perform with control and expression solo and in ensembles
- Improvise & compose using dimensions of music
- Listen to detail and recall aurally
- Use & understand basics of staff notation
- Develop an understanding of the history of music, including great musicians & composers

Year 6 Religious Education

- Judaism – Living the faith
- Christian – Living the faith
- Hinduism – Living the faith
- Islam – Living the faith
- Sikhism – Living the faith
- Buddhism – Living the faith