

Curriculum Overview for 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

Art & Design (UKS2)

- 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

Computing (UKS2)

- Design & write programs to solve problems
- Use sequences, repetition, inputs, variables and outputs in programs
- Detect & correct errors in programs
- Understand uses of networks for collaboration & communication
- Be discerning in evaluating digital content

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
- 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
- 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
- Algebra**
 - Introduce simple use of unknowns
- Data**
 - Use pie charts
 - Calculate mean averages

Design & Technology (UKS2)

- 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

Geography (UKS2)

- Name & locate counties, cities, regions & features of UK
- Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones
- Study a region of Europe, and of the Americas
- Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc.
- Use 4- and 6-figure grid references on OS maps
- Use fieldwork to record & explain areas

Modern Languages (UKS2)

- Listen & engage
- Engage in conversations, expressing opinions
- Speak in simple language & be understood
- Develop appropriate pronunciation
- Present ideas & information orally
- Show understanding in simple reading
- Adapt known language to create new ideas
- Describe people, places & things
- Understand basic grammar, e.g. gender

Music (UKS2)

- Perform with control & expression solo & 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

Science

- Biology**
 - Classification, including micro-organisms
 - Health & Lifestyles, incl. circulatory system
 - Evolution & Adaptation
- Physics**
 - Light & Shadows; the eye
 - Forces, including gravity
 - Electricity: investigating circuits

History

- British History (taught chronologically)**
 - An extended period study, e.g.
 - *The changing power of monarchs*
 - *Significant turning points in British history*
 - *Crime & punishment*
 - *Leisure*
- Broader History Study**
 - Non-European society, i.e.
 - *Islamic civilization, including Baghdad*
 - *Mayan civilization*
 - *Benin (West Africa)*

Physical Education (UKS2)

- 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
- *Swimming proficiency at 25m (KS1 or KS2)*

Religious Education

Continue to follow locally-agreed syllabus for RE