

Curriculum Overview for Year 5

English

- Reading**
- Apply knowledge of morphology & etymology when reading new words
 - Reading & discuss a broad range of genres & texts
 - Identifying & discussing themes
 - Make recommendations to others
 - Learn poetry by heart
 - Draw inference & make predictions
 - Discuss authors' use of language
 - Retrieve & present information from non-fiction texts.
 - Formal presentations & debates
- Writing**
- Secure spelling, inc. homophones, prefixes, silent letters, etc.
 - Use a thesaurus
 - Legible, fluent handwriting
 - Plan writing to suit audience & purpose
 - Develop character, setting and atmosphere in narrative
 - Use organisational & presentational features
 - Use consistent appropriate tense
 - Proof-reading
 - Perform own compositions
- Grammar**
- Use expanded noun phrases
 - Use modal & passive verbs
 - Use relative clauses
 - Use commas for clauses
 - Use brackets, dashes & commas for parenthesis
- Speaking & Listening**
- Give well-structured explanations
 - Command of Standard English
 - Consider & evaluate different viewpoints
 - Use appropriate register

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 to 1,000,000
 - Use negative whole numbers in context
 - Use Roman numerals to 1000 (M)
 - Use standard written methods for all four operations
 - Confidently add & subtract mentally
 - Use vocabulary of prime, factor & multiple
 - Multiply & divide by powers of ten
 - Use square and cube numbers
- Geometry & Measures**
- Convert between different units
 - Calculate perimeter of composite shapes & area of rectangles
 - Estimate volume & capacity
 - Identify 3-d shapes
 - Measure & identify angles
 - Understand regular polygons
 - Reflect & translate shapes
- Fractions**
- Compare & order fractions
 - Add & subtract fractions with common denominators, with mixed numbers
 - Multiply fractions by units
 - Write decimals as fractions
 - Order & round decimal numbers
 - Link percentages to fractions & decimals
- Data**
- Interpret tables & line graphs
 - Solve questions about line graphs

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**
- Life cycles of plants & animals (inc. mammal, insect, bird, amphibian)
 - Describe changes as humans develop & mature
- Chemistry**
- Classify materials according to a variety of properties
 - Understand mixtures & solutions
 - Know about reversible changes; identify irreversible
- Physics**
- Understand location and interaction of Sun, Earth & Moon
 - Introduce gravity, resistance & mechanical forces

History

- British History (taught chronologically)**
- Anglo-Saxons & Vikings, including:
 - Roman withdrawal from Britain; Scots invasion
 - Invasions, settlements & kingdoms
 - Viking invasions; Danegald
 - Edward the Confessor
- Broader History Study**
- Ancient Greece, i.e.
 - A study of Greek life and achievements and their influence on the western world

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