

Curriculum overview for Year 5

English

Reading

- Apply knowledge of morphology & etymology when reading new words
- Read & discuss a broad range of genres & texts
- Identifying and 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 and Listening

- Give well-structured explanations
- Command of Standard English
- Consider and evaluate different viewpoints
- Use appropriate register

Art (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 up 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 and divide by powers of ten
- Use square and cube numbers

Geometry & Measures

- Convert between different units
- Calculate perimeter of composite shapes and area of rectangles
- Estimate volume and capacity
- Identify 3-d shapes
- Measure and identify angles
- Understand regular polygons
- Reflect and translate shapes

Data

- Interpret tables and line graphs
- Solve questions about line graphs

Fractions & Decimals

- Compare and order fractions
- Add and subtract fractions with common denominators, with mixed numbers
- Multiply fractions by units
- Write decimals as fractions
- Order and round decimal numbers
- Link percentages to fractions and decimals

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 countries, cities, regions & features of UK
- Understand latitude, longitude, equator, hemispheres, tropics, polar circles & time zones
- Study a region of Europe, and one 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 field work to record & explain ideas

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 and 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

- An extended period study, e.g.
The changing power of monarchs, Significant turning points in British history, Crime and punishment, Leisure

Or

- Anglo-Saxons & Vikings, including:
Roman withdrawal from Britain; Scots invasion, Invasions, settlements & kingdoms, Viking invasions; Danegald, Edward the Confessor

Broader History Study

- Non-European Study, i.e.
Islamic civilisation, including Baghdad, Mayan civilisation, Benin (West Africa)

Or

- 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