

# 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
- ☑ Give well-structured explanations
- ☑ Command of Standard English
- ☑ Consider & evaluate different viewpoints

### Speaking & Listening

- ☑ 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 (LKS2)

- ☑ 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

## 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
- ☑ Understand and use mechanical systems in their products. Systems in own products, including programming
- ☑ Cook savoury dishes for a healthy & varied diet

## Geography (LKS2)

- Physical geography including climate zones, biomes, vegetation belts, rivers and mountains.
- ☑ Human geography including types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.
- ☑ Use maps and atlases, globes and digital computer mapping to locate countries and describe features studied.
- ☑ Locate the world's countries concentrating on key physical and human characteristics.
- ☑ Identify the position and significance of longitude and latitude, Equator, Northern Hemisphere, Southern Hemisphere, Tropic of Cancer, Tropic of Capricorn, The prime/Greenwich Meridian and time zones.

## 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

### Data

- ☑ Interpret tables & line graphs
- ☑ Solve questions about line graphs

### 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

## 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

☑ Study a theme in British history that extends pupils' chronological knowledge beyond 1066 eg. The impact of World War Two.

### Broader History Study

☑ A study of the achievements of the earliest civilisations - Ancient Egypt.

☑ A local history study focussing on 'change.'

## Modern Languages (LKS2)

- ☑ 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

## Physical Education (UKS2)

### 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

## Music (LKS2)

- 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

## Religious Education

Continue to follow locally-agreed syllabus for RE

