#### **Curriculum Overview for Year 6**

#### Reading

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

Number/Calculation

negatives

division

indices)

•Secure place value &

Discuss & explain reading, providing reasoned justifications for views

rounding to 10,000,000, including

•All written methods, including long

Use order of operations (not

### **English**

#### 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, ypothesise & 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

counties, cities, regions & features of UK

hemispheres, tropics, polar circles & time zones

economic activity, distribution of resources, etc.

• Study a region of Europe, and of the Americas

• Understand biomes, vegetation belts, land use,

• Use 4- and 6-figure grid references on OS maps

• Understand latitude, longitude, Equator,

#### **Mathematics**

#### **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
- •Identify factors, multiples & primes •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

### **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 owr products, including programming
- Cook savoury dishes for a healthy & varied diet

• Engage in conversations, expressing opinions

Speak in simple language & be understood

• Develop appropriate pronunciation

Show understanding in simple reading

• Understand basic grammar, e.g. gender

• Adapt known language to create new ideas

• Present ideas & information orally

• Describe people, places & things

### Languages (UKS2) Music (UKS2)

Geography (UKS2)

• Name & locate

 Perform with control & expression solo & in ensembles

• Use fieldwork to record & explain areas

- 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

### **Physical**

Modern

Listen & engage

### 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 locallyagreed syllabus for RE

# Algebra

Science

Classification,

Biology

•Introduce simple use of unknowns •Use pie charts

•Solve multi-step number problems

### Data

- Calculate mean averages

### **History**

#### **British History (taught chronologically)**

#### **Physics**

Light & Shadows; the eye

Evolution & Adaptation

- Forces, including gravity
- •Electricity: investigating circuits

including micro-organisms

•Health & Lifestyles, incl. circulatory system

### 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)