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

### 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

Number/Calculation

negatives

division

indices)

Algebra

•Secure place value &

 Discuss & explain reading, providing reasoned justifications for views

rounding to 10,000,000, including

•All written methods, including long

•Solve multi-step number problems

•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, vpothesise & 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

Design & Technology (UKS2)

diagrams & computer-aided design

Analyse & evaluate existing

• Use research& criteria to develop products which

are fit for purpose and aimed at specific groups

products and improve own work

products, including programming

Cook savoury dishes for a healthy & varied diet

Use mechanical & electrical systems in own

# 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,

- •Confidently use a range of
- Calculate area of triangles / parallelograms
- •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
- •Solve problems using decimals & percentages
- •Use written division up to 2dp
- proportion

# • Use annotated sketches, cross-section

- Divide fractions by whole numbers

- •Introduce ratio &

**History** 

- Significant turning points in British history

**British History (taught chronologically)** 

- The changing power of monarchs

• An extended period study, e.g.

### **Mathematics**

### **Geometry & Measures**

- measures & conversions
- •Use area & volume formulas

### Data

- •Introduce simple use of unknowns •Use pie charts
  - •Calculate mean averages

• Listen & engage

Modern

- 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

# 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.

# **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

# Science **Biology**

- Classification, including micro-organisms
- •Health & Lifestyles, incl. circulatory system
- Evolution & Adaptation

## **Physics**

- •Light & Shadows; the eye
- Forces, including gravity
- •Electricity: investigating circuits

## **Broader History Study**

• Non-European society, i.e.

Crime & punishment

Leisure

- Islamic civilization, including Baghdad
- Mayan civilization Benin (West Africa)

Created by Michael Tidd 2013