### Curriculum Overview for Year 4

#### English
- **Writing**
  - Correctly spell common homophones
  - Increase regularity of handwriting
  - Plan writing based on familiar forms
  - Organise writing into paragraphs
  - Use simple organisational devices
  - Proof-read for spelling & punctuation errors
  - Evaluate own and others’ writing
  - Read own writing aloud
- **Grammar**
  - Use wider range of conjunctions
  - Use perfect tense appropriately
  - Select pronouns and nouns for clarity
  - Use & punctuate direct speech
  - Use commas after front adverbials
- **Speaking & Listening**
  - Articulate & justify opinions
  - Speak audibly in Standard English
  - Gain, maintain & monitor interest of listeners

#### Mathematics
- **Geometry & Measures**
  - Compare 2-d shapes, including quadrilaterals & triangles
  - Find area by counting squares
  - Calculate rectangle perimeters
  - Estimate & calculate measures
  - Identify acute, obtuse & right angles
  - Identify symmetry
  - Use first quadrant coordinates
  - Introduce simple translations
- **Data**
  - Use bar charts, pictograms & line graphs
- **Fractions & decimals**
  - Recognise tenths & hundredths
  - Identify equivalent fractions
  - Add & subtract fractions with common denominators
  - Recognise common equivalents
  - Round decimals to whole numbers
  - Solve money problems

#### Science
- **Biological**
  - Classify living things
  - Digestive system & teeth
  - Food chains
- **Chemistry**
  - Changes of state
  - The water cycle
- **Physics**
  - Sound as vibrations
  - Electricity: simple circuits & conductors

#### History
- **British History (taught chronologically)**
  - Roman Empire & impact on Britain:
    - Julius Caesar’s attempted invasion
    - Roman Empire & successful invasion
    - British resistance, e.g. Boudicca
    - Romanisation of Britain
- **Broader History Study**
  - Earliest ancient civilisations, i.e.
    - Ancient Sumer;
    - Indus Valley;
    - Ancient Egypt; or
    - Shang Dynasty of Ancient China

#### Art & Design (LKS2)
- Use sketchbooks to collect, record and evaluate ideas
- Improve mastery of techniques such as drawing, painting and sculpture with varied materials
- Learn about great artists, architects & designers
- **Speaking & Listening**
  - Articulate & justify opinions
  - Speak audibly in Standard English
  - Gain, maintain & monitor interest of listeners

#### Design & Technology (LKS2)
- Use research & criteria to develop products which are fit for purpose
- Use annotated sketches and prototypes to explain ideas
- Evaluate existing products and improve own work
- Use mechanical systems in own work
- Understand seasonality; prepare & cook mainly savoury dishes
- **Speaking & Listening**
  - Articulate & justify opinions
  - Speak audibly in Standard English
  - Gain, maintain & monitor interest of listeners

#### Geography (LKS2)
- Locate world’s countries, focusing on Europe & Americas
- Study a region of the UK (not local area)
- Use 8 points of compass, symbols & keys
- Describe & understand climate, rivers, mountains, volcanoes, earthquakes, water cycle, settlements, trade links, etc.
- Use fieldwork to observe, measure & record

#### Music (LKS2)
- Use voice & instruments with increasing accuracy, control and expression
- Improvise & compose music
- Listen with attention to detail
- Appreciate wide range of live & recorded music
- Begin to develop understanding of history

#### Physical Education (LKS2)
- Use running, jumping, catching, and throwing in isolation and in combination
- Play competitive games, modified as appropriate
- Develop flexibility & control in gym, dance & athletics
- Compare performances to achieve personal bests
- **Swimming proficiency at 25m (KS1 or KS2)**

#### Computing (LKS2)
- Design & write programs to achieve specific goals, including solving problems
- Use logical reasoning
- Understand computer networks
- Use internet safely and appropriately
- Collect and present data appropriately
- Use Internet safely and appropriately
- Design & write programs to achieve specific goals, including solving problems

#### Broader History Study
- Latest ancient civilisations, i.e.
  - Ancient Sumer:
  - Indus Valley:
  - Ancient Egypt:
  - Shang Dynasty of Ancient China

#### Languages (LKS2)
- Learn about great artists, architects & designers
- **Speaking & Listening**
  - Articulate & justify opinions
  - Speak audibly in Standard English
  - Gain, maintain & monitor interest of listeners

#### Religious Education
- Continue to follow locally-agreed syllabus for RE