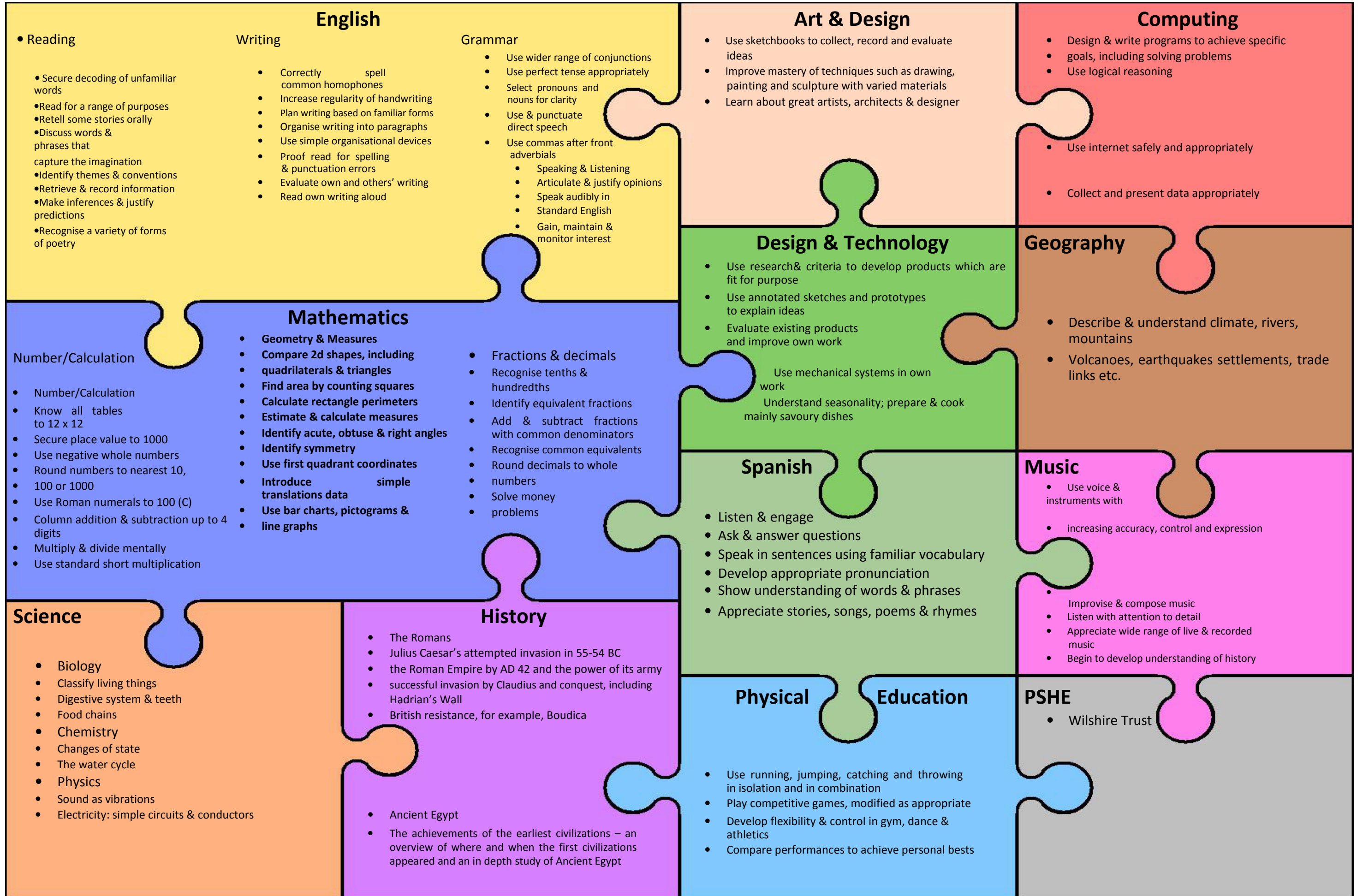


# Curriculum Overview for Year 4



### English

- Reading**
  - Secure decoding of unfamiliar words
  - Read for a range of purposes
  - Retell some stories orally
  - Discuss words & phrases that capture the imagination
  - Identify themes & conventions
  - Retrieve & record information
  - Make inferences & justify predictions
  - Recognise a variety of forms of poetry
- 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

### Art & Design

- 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 & designer

### Computing

- Design & write programs to achieve specific goals, including solving problems
- Use logical reasoning
- Use internet safely and appropriately
- Collect and present data appropriately

### Mathematics

- Number/Calculation**
  - Number/Calculation
  - Know all tables to 12 x 12
  - Secure place value to 1000
  - Use negative whole numbers
  - Round numbers to nearest 10, 100 or 1000
  - Use Roman numerals to 100 (C)
  - Column addition & subtraction up to 4 digits
  - Multiply & divide mentally
  - Use standard short multiplication
- Geometry & Measures**
  - Compare 2d 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

### Design & Technology

- 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

### Geography

- Describe & understand climate, rivers, mountains
- Volcanoes, earthquakes settlements, trade links etc.

### Science

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

### History

- The Romans
  - Julius Caesar's attempted invasion in 55-54 BC
  - the Roman Empire by AD 42 and the power of its army
  - successful invasion by Claudius and conquest, including Hadrian's Wall
  - British resistance, for example, Boudica
- Ancient Egypt
  - The achievements of the earliest civilizations – an overview of where and when the first civilizations appeared and an in depth study of Ancient Egypt

### Spanish

- Listen & engage
- Ask & answer questions
- Speak in sentences using familiar vocabulary
- Develop appropriate pronunciation
- Show understanding of words & phrases
- Appreciate stories, songs, poems & rhymes

### Music

- 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

- 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

### PSHE

- Wilshire Trust