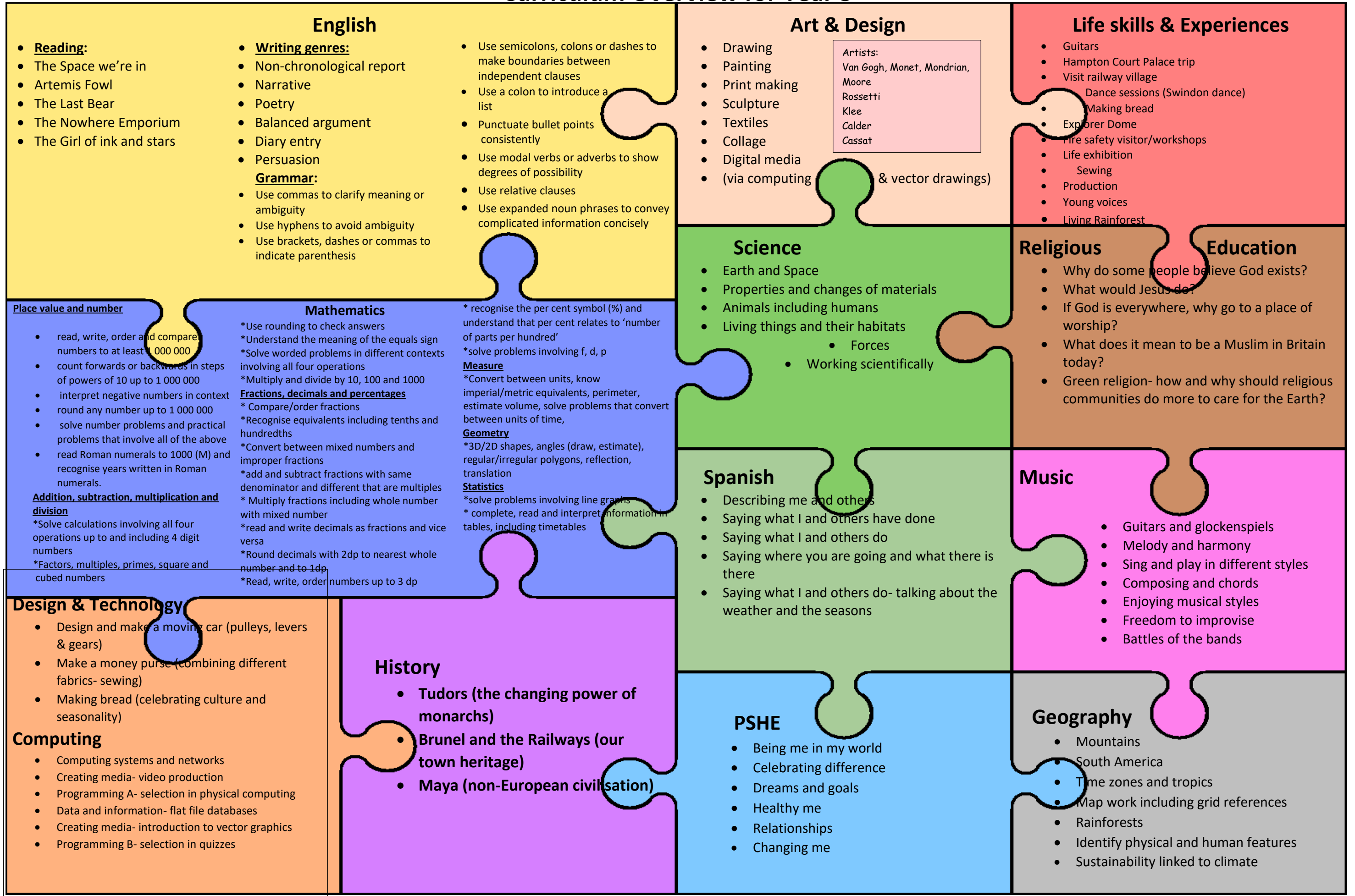


# Curriculum Overview for Year 5



## English

- **Reading:**
  - The Space we're in
  - Artemis Fowl
  - The Last Bear
  - The Nowhere Emporium
  - The Girl of ink and stars
- **Writing genres:**
  - Non-chronological report
  - Narrative
  - Poetry
  - Balanced argument
  - Diary entry
  - Persuasion
- **Grammar:**
  - Use commas to clarify meaning or ambiguity
  - Use hyphens to avoid ambiguity
  - Use brackets, dashes or commas to indicate parenthesis
- Use semicolons, colons or dashes to make boundaries between independent clauses
- Use a colon to introduce a list
- Punctuate bullet points consistently
- Use modal verbs or adverbs to show degrees of possibility
- Use relative clauses
- Use expanded noun phrases to convey complicated information concisely

## Art & Design

- Drawing
- Painting
- Print making
- Sculpture
- Textiles
- Collage
- Digital media
- (via computing & vector drawings)

Artists:  
 Van Gogh, Monet, Mondrian,  
 Moore  
 Rossetti  
 Klee  
 Calder  
 Cassat

## Life skills & Experiences

- Guitars
- Hampton Court Palace trip
- Visit railway village
- Dance sessions (Swindon dance)
- Making bread
- Explorer Dome
- Fire safety visitor/workshops
- Life exhibition
- Sewing
- Production
- Young voices
- Living Rainforest

## Place value and number

- read, write, order and compare numbers to at least 1 000 000
- count forwards or backwards in steps of powers of 10 up to 1 000 000
- interpret negative numbers in context
- round any number up to 1 000 000
- solve number problems and practical problems that involve all of the above
- read Roman numerals to 1000 (M) and recognise years written in Roman numerals.

## Addition, subtraction, multiplication and division

- \*Solve calculations involving all four operations up to and including 4 digit numbers
- \*Factors, multiples, primes, square and cubed numbers

## Mathematics

- \*Use rounding to check answers
- \*Understand the meaning of the equals sign
- \*Solve worded problems in different contexts involving all four operations
- \*Multiply and divide by 10, 100 and 1000
- Fractions, decimals and percentages**
- \* Compare/order fractions
- \*Recognise equivalents including tenths and hundredths
- \*Convert between mixed numbers and improper fractions
- \*add and subtract fractions with same denominator and different that are multiples
- \* Multiply fractions including whole number with mixed number
- \*read and write decimals as fractions and vice versa
- \*Round decimals with 2dp to nearest whole number and to 1dp
- \*Read, write, order numbers up to 3 dp

- \* recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred'
- \*solve problems involving f, d, p
- Measure**
- \*Convert between units, know imperial/metric equivalents, perimeter, estimate volume, solve problems that convert between units of time,
- Geometry**
- \*3D/2D shapes, angles (draw, estimate), regular/irregular polygons, reflection, translation
- Statistics**
- \*solve problems involving line graphs
- \* complete, read and interpret information in tables, including timetables

## Science

- Earth and Space
- Properties and changes of materials
- Animals including humans
- Living things and their habitats
  - Forces
  - Working scientifically

## Religious

- Why do some people believe God exists?
- What would Jesus do?
- If God is everywhere, why go to a place of worship?
- What does it mean to be a Muslim in Britain today?
- Green religion- how and why should religious communities do more to care for the Earth?

## Education

## Spanish

- Describing me and others
- Saying what I and others have done
- Saying what I and others do
- Saying where you are going and what there is there
- Saying what I and others do- talking about the weather and the seasons

## Music

- Guitars and glockenspiels
- Melody and harmony
- Sing and play in different styles
- Composing and chords
- Enjoying musical styles
- Freedom to improvise
- Battles of the bands

## Design & Technology

- Design and make a moving car (pulleys, levers & gears)
- Make a money purse (combining different fabrics- sewing)
- Making bread (celebrating culture and seasonality)

## Computing

- Computing systems and networks
- Creating media- video production
- Programming A- selection in physical computing
- Data and information- flat file databases
- Creating media- introduction to vector graphics
- Programming B- selection in quizzes

## History

- Tudors (the changing power of monarchs)
- Brunel and the Railways (our town heritage)
- Maya (non-European civilisation)

## PSHE

- Being me in my world
- Celebrating difference
- Dreams and goals
- Healthy me
- Relationships
- Changing me

## Geography

- Mountains
- South America
- Time zones and tropics
- Map work including grid references
- Rainforests
- Identify physical and human features
- Sustainability linked to climate

