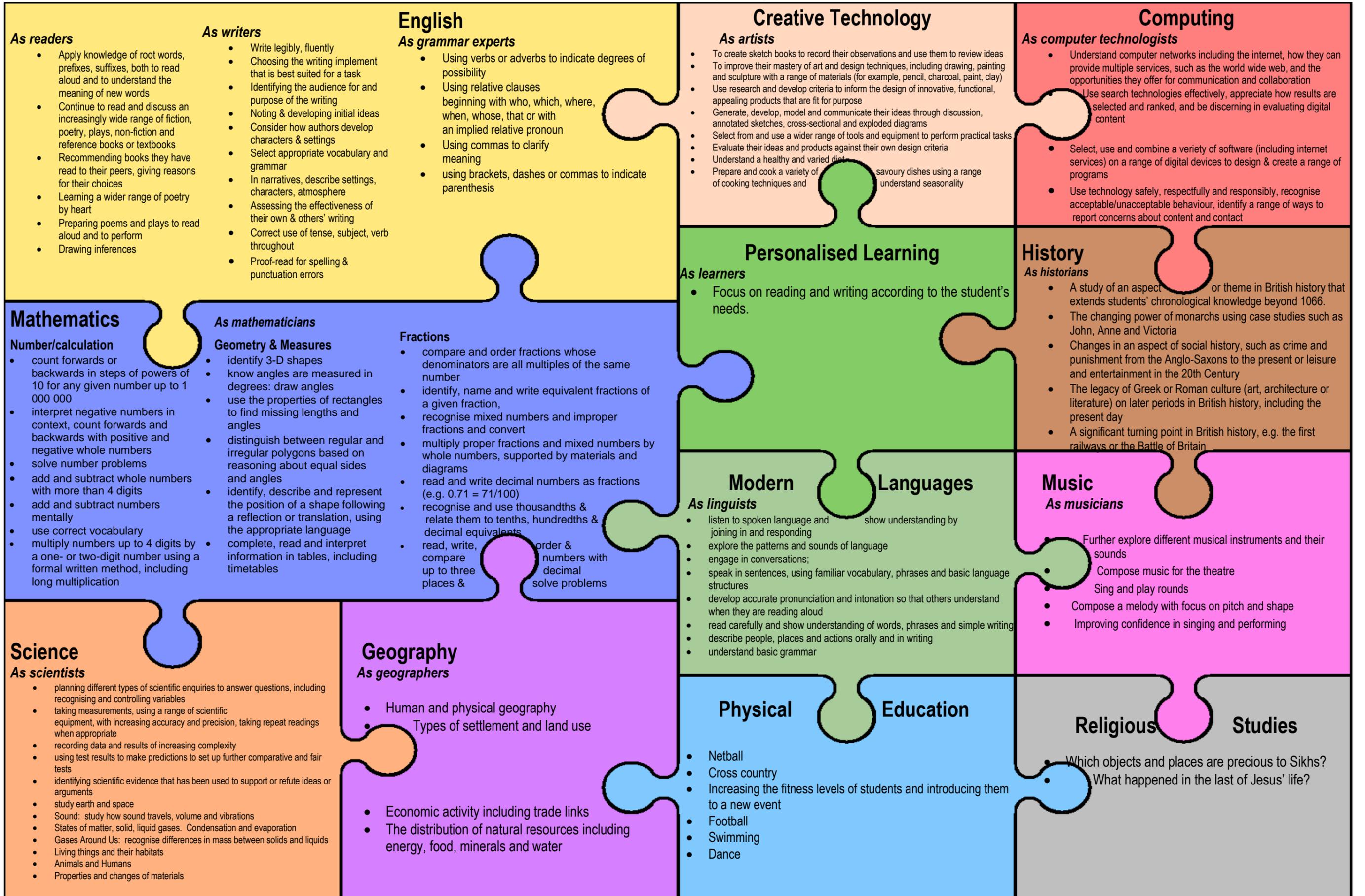


# Year 5 Curriculum Spring Term



## English

**As readers**

- Apply knowledge of root words, prefixes, suffixes, both to read aloud and to understand the meaning of new words
- Continue to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
- Recommending books they have read to their peers, giving reasons for their choices
- Learning a wider range of poetry by heart
- Preparing poems and plays to read aloud and to perform
- Drawing inferences

**As writers**

- Write legibly, fluently
- Choosing the writing implement that is best suited for a task
- Identifying the audience for and purpose of the writing
- Noting & developing initial ideas
- Considering how authors develop characters & settings
- Select appropriate vocabulary and grammar
- In narratives, describe settings, characters, atmosphere
- Assessing the effectiveness of their own & others' writing
- Correct use of tense, subject, verb throughout
- Proof-read for spelling & punctuation errors

**As grammar experts**

- Using verbs or adverbs to indicate degrees of possibility
- Using relative clauses beginning with who, which, where, when, whose, that or with an implied relative pronoun
- Using commas to clarify meaning
- using brackets, dashes or commas to indicate parenthesis

## Creative Technology

**As artists**

- To create sketch books to record their observations and use them to review ideas
- To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (for example, pencil, charcoal, paint, clay)
- Use research and develop criteria to inform the design of innovative, functional, appealing products that are fit for purpose
- Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams
- Select from and use a wider range of tools and equipment to perform practical tasks
- Evaluate their ideas and products against their own design criteria
- Understand a healthy and varied diet
- Prepare and cook a variety of savoury dishes using a range of cooking techniques and understand seasonality

## Computing

**As computer technologists**

- Understand computer networks including the internet, how they can provide multiple services, such as the world wide web, and the opportunities they offer for communication and collaboration
- Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content
- Select, use and combine a variety of software (including internet services) on a range of digital devices to design & create a range of programs
- Use technology safely, respectfully and responsibly, recognise acceptable/unacceptable behaviour, identify a range of ways to report concerns about content and contact

## Mathematics

**Number/calculation**

- count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000
- interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers
- solve number problems
- add and subtract whole numbers with more than 4 digits
- add and subtract numbers mentally
- use correct vocabulary
- multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication

**As mathematicians**

**Geometry & Measures**

- identify 3-D shapes
- know angles are measured in degrees: draw angles
- use the properties of rectangles to find missing lengths and angles
- distinguish between regular and irregular polygons based on reasoning about equal sides and angles
- identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language
- complete, read and interpret information in tables, including timetables

**Fractions**

- compare and order fractions whose denominators are all multiples of the same number
- identify, name and write equivalent fractions of a given fraction,
- recognise mixed numbers and improper fractions and convert
- multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams
- read and write decimal numbers as fractions (e.g. 0.71 = 71/100)
- recognise and use thousandths & relate them to tenths, hundredths & decimal equivalents
- read, write, compare up to three places & order & numbers with decimal solve problems

## Personalised Learning

**As learners**

- Focus on reading and writing according to the student's needs.

## History

**As historians**

- A study of an aspect or theme in British history that extends students' chronological knowledge beyond 1066.
- The changing power of monarchs using case studies such as John, Anne and Victoria
- Changes in an aspect of social history, such as crime and punishment from the Anglo-Saxons to the present or leisure and entertainment in the 20th Century
- The legacy of Greek or Roman culture (art, architecture or literature) on later periods in British history, including the present day
- A significant turning point in British history, e.g. the first railways or the Battle of Britain

## Science

**As scientists**

- planning different types of scientific enquiries to answer questions, including recognising and controlling variables
- taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
- recording data and results of increasing complexity
- using test results to make predictions to set up further comparative and fair tests
- identifying scientific evidence that has been used to support or refute ideas or arguments
- study earth and space
- Sound: study how sound travels, volume and vibrations
- States of matter, solid, liquid gases. Condensation and evaporation
- Gases Around Us: recognise differences in mass between solids and liquids
- Living things and their habitats
- Animals and Humans
- Properties and changes of materials

## Geography

**As geographers**

- Human and physical geography
- Types of settlement and land use
- Economic activity including trade links
- The distribution of natural resources including energy, food, minerals and water

## Modern Languages

**As linguists**

- listen to spoken language and show understanding by joining in and responding
- explore the patterns and sounds of language
- engage in conversations;
- speak in sentences, using familiar vocabulary, phrases and basic language structures
- develop accurate pronunciation and intonation so that others understand when they are reading aloud
- read carefully and show understanding of words, phrases and simple writing
- describe people, places and actions orally and in writing
- understand basic grammar

## Music

**As musicians**

- Further explore different musical instruments and their sounds
- Compose music for the theatre
- Sing and play rounds
- Compose a melody with focus on pitch and shape
- Improving confidence in singing and performing

## Physical Education

- Netball
- Cross country
- Increasing the fitness levels of students and introducing them to a new event
- Football
- Swimming
- Dance

## Religious Studies

- Which objects and places are precious to Sikhs?
- What happened in the last of Jesus' life?