

# Year 6 Curriculum Summer 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
- Consider 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 improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials
- Use research and develop design 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, prototypes, pattern pieces and computer-aided design
- Select from and use a wider range of tools and equipment to perform practical tasks
- Evaluate ideas and products against own design criteria and consider the views of others to improve their work
- understand and apply the principles of a healthy & varied diet
- prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.

## 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 & ranked, & 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 and 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

- Read, interpret & understand numbers up to 1,000,000. Order and round numbers including decimals.
- Multiply/divide numbers by 10/100 etc. Use rounding to aid estimation.
- Understand and use the properties of numbers including factors, multiples, squares and primes.
- Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers
- Explain and continue number sequences including decimals and negatives
- Understand and apply a variety of mental strategies for all 4 operations, including decimals
- Understand and apply formal written methods for all 4 operations, including decimals

### As mathematicians

### Geometry & Measures

- Identify and classify 2D shapes by their properties
- Identify and classify 3D shapes by their properties including faces and edges
- Interpret scales on a range of measuring devices
- Understand metric units for length and mass and convert between them
- Understand and calculate the perimeter and area of simple shapes
- Understand units of time and time durations, including timetables
- Collect, record and display data in tables and charts
- Calculate mean, median, mode and range for sets of data

### Fractions

- Understand decimal notation and convert between decimals and fractions
- Find fractions of quantities and measures
- Find equivalent fractions and simplify fractions
- Order fractions using a common denominator
- Calculate percentages of numbers
- Understand and apply simple proportion

## Personalised Learning

### As learners

- Focus on reading and writing according to the students' needs

## Geography

### As geographers

- Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries and major cities
- Human geography, including types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water

## Science

### As scientists

- planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
- 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 scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- using test results to make predictions to set up further comparative and fair tests
- reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree
- Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms plants and animals
- Give reasons for classifying plants and animals based on specific characteristics

## History

### As historians

- The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor. This could include:
  - Viking raids and invasion
  - Resistance by Alfred the Great and Athelstan, first King of England
  - Further Viking invasions & Danegeld
  - Anglo-Saxon laws and justice
  - Edward the Confessor and his death in 1066

## 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
- 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

- play and perform in solo & ensemble contexts, using their voice and playing musical instruments with increasing accuracy, control and expression
- listen with attention to detail and recall sounds with increasing aural memory
- appreciate and understand a range of music from pop songs, raps and Josef Haydn
- develop an understanding of the history of music.

## Physical Education

- Netball games (Tennis/short tennis)
- Enhancing students motor skills such as throwing, catching and jumping, cricket and rounders
- Cross country
- Increasing the fitness levels and athletic skills (athletics)

## Religious Studies

- Do religions have logos?
- How do human beings work? Philosophy

