

# Year 6 Curriculum Autumn 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
- 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 and designers

- To create sketch books to record their observations
- Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose
- 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
- How food is processed into ingredients that can be eaten or used in cooking

## Computing

### As computer technologists

- Design, write and debug programs that accomplish specific goals
- Use sequence, selection, and repetition in programs; work with variables and various forms of input and output.
- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs
- 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, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.
- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact

## PSHE

### As learners

- Beliefs and customs
- Christmas child

## 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
- Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time
- Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)

## Mathematics

### Number/calculation

- Read, interpret and 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

## 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

- Listening and looking for patterns to inspire composing & notating music.
- Improving instrumental skills including using the guitar
- Clouds and Weather
- Listening to & describing Debussy's and Beethoven's music
- Composing and notating music in small teams, using musical elements and structures.
- Journeys of Discovery and Christmas Songs
- Listening to, describing and performing Grieg's music.
- Singing & playing Christmas Songs with increasing accuracy.

## 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

## History

### As historians

- Changes in Britain from the Stone Age to the Iron Age.
- The Roman Empire and its impact on Britain.
- Britain's settlement by Anglo-Saxons and Scots.
- The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor.

## Physical Education

Develop competence to excel in

- Football
- Hockey
- Gymnastics
- Sports Hall Athletics
- Tag Rugby
- Cross Country

## Religious Studies

- Are Saints good role models?
- Did God become man at Christmas?

