

Year 6 – Key Areas of learning

Key Objectives for Reading

- Use knowledge of morphology and etymology to read aloud and understand new words
- Make comparisons within and across books
- Read a wide range of modern fiction, from literary heritage and from other cultures/traditions
- Identify and discuss themes and conventions across a wide range of writing
- Discuss understanding of texts, including exploring meaning of words in context
- Effectively ask questions to improve understanding of texts
- Summarise ideas drawn from more than one paragraphs, identifying key details
- Predict future events from details stated and implied
- Identify how language, structure and presentation contribute to meaning
- Discuss how authors use language, including figurative language, to affect the reader
- Make book recommendations, giving detailed reasons for choices
- Participate in discussions about books, building on and challenging ideas
- Explain and discuss understanding of reading in detail
- Participate in formal presentations and debates about reading
- Provide reasoned justifications for views

Key Objectives for Writing

- Spell some words with silent letters
- Recognise and use spellings for homophones and other often-confused words
- Spell accurately words with prefixes and suffixes (in the Y6 curriculum and from earlier years)
- Identify the audience and purpose before writing, and adapt accordingly
- Accurately proof-read for spelling and punctuation errors
- Select appropriate grammar and vocabulary to change or enhance meaning
- Develop setting, atmosphere and character, including through dialogue
- Précis longer passages
- Use advanced organisational and presentational devices
- Use the correct tense consistently throughout a piece of writing
- Ensure correct subject and verb agreement
- Perform compositions using appropriate intonation, volume and movement
- Use a thesaurus
- Use expanded noun phrases to convey complicated information concisely
- Use modal verbs or adverbs to indicate degrees of possibility
- Use relative clauses
- Convert nouns or adjectives into verbs
- Use adverbials of time, place and number for cohesion
- Recognise vocabulary and structures that are appropriate for formal use
- Use passive verbs to affect the presentation of information
- Use the perfect form of verbs to mark relationships of time and cause
- Recognise difference in informal and formal language
- Use grammatical connections and adverbials for cohesion
- Use ellipsis
- Use commas to clarify meaning or avoid ambiguity
- Use brackets, dashes and commas to indicate parenthesis

- Use hyphens to avoid ambiguity
- Use semi-colons, colons and dashes between independent clauses
- Use a colon to introduce a list
- Punctuate bullet points consistently

Key Objectives for Maths

- Use negative numbers to calculate intervals across zero
- Round any whole number to a required degree of accuracy
- Multiply up to ThHTU x TU using formal written methods
- Divide up to ThHTU by TU using formal short division, interpreting remainders according to context
- Choose correct operation to solve multi-step problems using +, -, x & ÷ and explain why
- Perform mental calculations, including with mixed operations and large numbers
- Use estimation to check answers to calculations and determine an appropriate degree of accuracy
- Add and subtract fractions with different denominators and mixed numbers
- Multiply simple pairs of proper fractions and divide proper fractions by a whole number
- Solve problems which require answers to be rounded to specified degrees of accuracy
- Recall and use equivalences between simple fractions, decimals and percentages incl. diff. contexts
- Solve problems involving the calculation of percentages
- Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples
- Express missing number problems algebraically
- Solve problems incl. the calculation & conversion of units of measure using decimals of up to 3 places
- Convert units of measure between smaller and larger units using decimal notation of up to 3 places
- Compare & classify geometric shapes based on properties & sizes
- Find missing angles in any triangles, quadrilaterals and regular polygons
- Draw and translate shapes on a co-ordinate grid and reflect in the axes
- Calculate and interpret the mean as an average
- Construct and interpret pie charts and line graphs and use these to solve problems

Key Objectives for Science

- Use test results to design further investigations
- Use simple models to describe scientific ideas
- Identify scientific evidence that has been used to support or refute ideas or arguments
- Classify some plants, animals or micro-organisms, explaining the choices made
- Explain the main parts and functions of the human circulatory system
- Recognise that living things produce offspring, not usually identical to their parents
- Identify how adaptations of plants and animals over time may lead to evolution
- Explain that we see things which either give out or reflect light
- Explain how the number of voltage of cells affects bulbs, buzzers or motors in a circuit
- Use recognised symbols when representing a simple circuit in a diagram