AGE RELATED EXPECTATIONS FOR YEAR FIVE

WRITING

- In narrative writing settings, characters and plot are created successfully.
- Paragraphs organise ideas around a theme and adverbials of time and place and link ideas across paragraphs (e.g. later, nearby)
- In non-narrative writing a range of further organisational and presentational devices are used to structure text (e.g. headings, bullet points, underlining).
- Ideas are linked across paragraphs.
- Across writing appropriate use of nouns and noun phrases modified by preposition phrases to expand and develop ideas, information and description.
- Pronouns and nouns are chosen to aid cohesion, ensure clarity and avoid repetition.
- Relative clauses successfully add detail and description.
- Adverbs and modal verbs indicate degrees of possibility (e.g. perhaps, surely, must, could).
- Fronted adverbials are used to vary sentence structure.
- Tense choice and other devices build cohesion within and across paragraphs (e.g. he had seen her before).
- The range of punctuation set out in Y5 Appendix 2 is used accurately, including:
    - commas after fronted adverbials;
    - possessive apostrophes for plural nouns;
    - punctuation of direct speech.
- Spelling in line with Y5 Appendix 1 is usually accurate, including further homophones and those which use common pre-fixes and suffixes.
- Writing is proof-read for spelling and punctuation errors, including some prompted use of a dictionary to check spelling.
- Handwriting is legible and fluent, including appropriate choice of letter shape, and whether or not to join letters - however this is not always maintained when writing at efficient speed.
- Evaluation of the effectiveness of own and others' writing is used to propose changes, including structure and organisation.

READING

- Reads fluently, confidently and independently using strategies to work out any unfamiliar word and applying a growing knowledge of root words, prefixes and suffixes set out in Y5 Appendix 1.
- They have a positive attitude towards reading for a range of purposes
- Evidence shows experience of a wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
- Can demonstrate familiarity with a wide range of books, including myths, legends and traditional stories, modern fiction, fiction from our literary heritage, and books from other cultures and traditions
- Recommends books that they have read to their peers, giving reasons for their choices
- Identifies and discusses re-occurring themes across books
- Understands the conventions of different types of writing such as the use of the first person in writing diaries and autobiographies.
- Performs poems and plays, showing understanding through intonation, tone and volume so that the meaning is clear to an audience
- Checks that the book makes sense to them, discussing their understanding and exploring the meaning of words in context
- Asks questions to improve their understanding
- Draws inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
- Can predict what might happen from details stated and implied
- Uses some technical terms such as metaphor, simile, analogy, imagery, style and effect when discussing texts.
- Recognises themes within texts (e.g. loss or heroism); and can compare characters, settings, themes and other aspects within texts.
- Summarises the main ideas drawn from more than one paragraph, identifying key details that support the main idea.
- Can distinguish between statements of fact and opinion
- In using non-fiction, accurately retrieves from non-fiction using contents pages and indexes, records and can summarise information found.
- Participate in discussions, explaining their understanding of what they have read using notes where necessary.
- Provides reasoned justifications for their views.

MATHEMATICS

- Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit.
- 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, including through zero.
- Round any number to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000.
- 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.
- Add, subtract and multiply whole numbers with more than 4 digits, including using formal written methods.
- Calculate mentally using all 4 operations with increasingly large numbers.
- Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context.
- Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.
- Solve multi-step problems in contexts, deciding which operations and methods to use and why.
- Solve scaling problems by simple fractions and problems involving simple rates.
- Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.
- Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers.
- Establish whether a number up to 100 is prime and recall prime numbers up to 19.
- Recognise and use square numbers and cube numbers, and the notation for squared (^{2}) and cubed (^{3}).
- Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes.
- Compare and order fractions whose denominators are all multiples of the same number.
- Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.
- Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example, 2/5 + 4/5 = 6/5 = 1 1/5).
- Add and subtract fractions with the same denominator and denominators that are multiples of the same number.
- Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.
- Read and write decimal numbers as fractions [for example, 0.71 = 71/100]
- Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.

- Round decimals with two decimal places to the nearest whole number and to one decimal place.
- Read, write, order and compare numbers with up to three decimal places.
- Solve problems involving number up to three decimal places.
- Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal.
- Solve problems which require knowing percentage and decimal equivalents.
- Convert between different units of metric measure (e.g., kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre).
- Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints.
- Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres.
- Calculate and compare the area of rectangles (oblongs and squares), and including using standard units, square centimetres (cm^2) and square metres (m^2) and estimate the area of irregular shapes.
- Estimate volume [e.g., using 1 cm^3 blocks to build cuboids (including cubes)] and capacity [e.g., using water].
- Use all four operations to solve problems involving measure [e.g., length, mass, volume, money] using decimal notation, including scaling and converting units of time.
- Identify a range of 3-D shapes from 2-D representations (eg nets).
- Use the properties of rectangles (oblongs/squares) to deduce related facts and 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, and know that the shape has not changed.
- Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles.
- Draw given angles, and measure them in degrees (^{o}).
- Identify angles at a point and one whole turn (total 360^o), angles at a point on a straight line and ½ a turn (total 180^o) and other multiples of 90^o.
- Solve comparison, sum and difference problems using information presented in a line graph.
- Complete, read and interpret information in tables, including timetables.