

# Year 5: End of Year Expectations

Francis Baily Primary School



**The following end of year expectations are based directly on the National Curriculum objectives taught in school and reflect what most children are expected to achieve by the end of the year. Remember, children develop at different rates and support is always provided where needed.**

## Reading

By the end of Year 5, children can:

- Ask questions to improve their understanding
- Check that the book makes sense to them, discussing their understanding and exploring the meaning of words in context
- Continue to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
- Discuss and evaluate how authors use language, including figurative language, considering the impact on the reader
- Distinguish between statements of fact and opinion
- Draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
- Explain and discuss their understanding of what they have read, including through formal presentations and debates, maintaining a focus on the topic and using notes where necessary
- Identify and discuss themes and conventions in and across a wide range of writing
- Identify how language, structure and presentation contribute to meaning
- Increase their 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
- Learn a wider range of poetry by heart
- Make comparisons within and across books
- Participate in discussions about books that are read to them and those they can read for themselves, building on their own and others' ideas and challenging views courteously
- Predict what might happen from details stated and implied
- Prepare poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience
- Provide reasoned justifications for their views
- Read books that are structured in different ways and reading for a range of purposes
- Recommend books that they have read to their peers, giving reasons for their choices
- Retrieve, record and present information from non-fiction
- Summarise the main ideas drawn from more than one paragraph, identifying key details that support the main ideas
- Apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology), both to read aloud and to understand the meaning of new words that they meet.

## Writing

Children can:

- Write for a range of purposes and audiences, confidently selecting structure and organisation of a text depending on audience and purpose
  - Describe settings, characters and atmosphere to consciously engage the reader
  - Use dialogue to convey a character and advance action with increasing confidence
  - Select and use organisational and presentational devices that are relevant to the text type
  - Begin to proofread work to precis longer passages by removing unnecessary repetition or irrelevant details
  - Create paragraphs that are usually suitably linked
  - Proofread their work and assess the effectiveness of their own and others' writing and make necessary corrections and improvements
  - Use the full range of punctuation from previous year groups
  - Use commas to clarify meaning or to avoid ambiguity with increasing accuracy
  - Use a wider range of linking words or phrases between sentences and paragraphs to build cohesion including time adverbials
  - Use relative clauses beginning with a relative pronoun
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- Use brackets, dashes or commas to begin to indicate parenthesis
- Use adverbs and modal verbs to indicate degrees of possibility
- Spell many verb prefixes correctly
- Convert nouns or adjectives into verbs using suffixes
- Spell many complex homophones correctly
- Spell many words correctly from the Year 5 or Year 6 statutory spelling list
- Write legibly, fluently and with increasing speed.

## Spelling

Children can spell:

accommodate	category	determined	foreign	lightning	profession	sincerely
accompany	cemetery	develop	forty	marvellous	programme	soldier
according	committee	dictionary	frequently	mischievous	pronunciation	stomach
achieve	communicate	disastrous	government	muscle	queue	sufficient
aggressive	community	embarrass	guarantee	necessary	recognise	suggest
amateur	competition	environment	harass	neighbour	recommend	symbol
ancient	conscience	equip	hindrance	nuisance	relevant	system
apparent	conscious	equipped	identity	occupy	restaurant	temperature
appreciate	controversy	equipment	immediate	occur	rhyme	thorough
attached	convenience	especially	immediately	opportunity	rhythm	twelfth
available	correspond	exaggerate	individual	parliament	sacrifice	variety
average	criticise	excellent	interfere	persuade	secretary	vegetable
awkward	curiosity	existence	interrupt	physical	shoulder	vehicle
bargain	definite	explanation	language	prejudice	signature	yacht
bruise	desperate	familiar	leisure	privilege	sincere	

## Maths

Children can:

- 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
- distinguish between regular and irregular polygons based on reasoning about equal sides and angles
- draw given angles, and measure them in degrees
- Identify angles at a point on a straight line and  $1/2$  a turn (total  $180^\circ$ )
- Identify 3-D shapes, including cubes and other cuboids, from 2-D representations
- Identify angles at a point and one whole turn (total  $360^\circ$ )
- Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles other multiples of  $90^\circ$
- Use the properties of rectangles to deduce related facts and find missing lengths and angles
- Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres ( $\text{cm}^2$ ) and square metres ( $\text{m}^2$ ) and estimate the area of irregular shapes
- Convert between different units of metric measure
- Estimate volume [for example, using  $1 \text{ cm}^3$  blocks to build cuboids (including cubes)] and capacity
- Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres
- Solve problems involving converting between units of time
- Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints
- Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling
- Add and subtract numbers mentally with increasingly large numbers
- Add and subtract whole numbers with more than four digits, including using formal written methods (columnar addition and subtraction)
- Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why
- Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy

- Add and subtract fractions with the same denominator and denominators that are multiples of the same number
- 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
- Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams
- Read and write decimal numbers as fractions
- Read, write, order and compare numbers with up to three decimal places
- Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents
- Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements  $> 1$  as a mixed number
- 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
- Round decimals with two decimal places to the nearest whole number and to one decimal place
- Solve problems involving number up to three decimal places
- Solve problems which require knowing percentage and decimal equivalents of  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{5}$ ,  $\frac{2}{5}$ ,  $\frac{4}{5}$  and those fractions with a denominator of a multiple of 10 or 25
- 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
- Establish whether a number up to 100 is prime and recall prime numbers up to 19
- 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 (nonprime) numbers
- Multiply and divide numbers mentally drawing upon known facts
- Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000
- Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers
- Recognise and use square numbers and cube numbers, and the notation for squared and cubed
- Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign
- Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes
- Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates
- 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
- Read Roman numerals to 1000 (M) and recognise years written in Roman numerals
- Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit
- Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000
- Solve number problems and practical problems that involve all the above
- Complete, read and interpret information in tables, including timetables
- Solve comparison, sum and difference problems using information presented in a line graph.