



# Learning Goals - Year 5

Year 5 pupil at Spring Grove Primary School:

## Reading

- Applies a growing knowledge of root words, prefixes and suffixes (morphology and etymology) - as listed in English appendix 1 of the national curriculum document both to read aloud and to understand the meaning of new words that are met
- Increases 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
- Checks that the book makes sense to the reader, discussing the individual's understanding and exploring the meaning of words in context
- Summarises the main ideas drawn from more than one paragraph, identifying key details that support the main ideas
- Retrieves, records and presents information from non-fiction
- Participates in discussions about books that are read to the child and those that can be read independently
- Provides reasoned justification for their views about a book





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## Writing

- Identifies the audience for, and purpose of, the writing
- Selects the appropriate form and uses other similar writing as models for their own
- Proof-reads for spelling and punctuation errors
- Ensures the consistent and correct use of tense throughout a piece of writing
- Uses further organisational and presentational devices to structure text and to guide the reader (eg headings, bullet points, underlining)
- Describes settings, characters and atmosphere



### SPaG

- Converts nouns or adjectives into verbs using suffixes (eg -ate; -ise; -ify)
- Indicates degrees of possibility using adverbs (eg perhaps, surely) or modal verbs (eg might, should, will, must)
- Uses devices to build cohesion within a paragraph (eg then, after that, this, firstly)
- Uses commas to clarify meaning or avoid ambiguity



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## Maths

### ➤ Number and place value

*Reads, writes, orders and compares numbers to at least 1,000,000 and determines the value of each digit*

*Interprets negative numbers in context, counts forwards and backwards with positive and negative whole numbers including through zero*

### ➤ Addition and subtraction

*Adds and subtracts whole numbers with more than four digits, including using formal written methods (columnar addition and subtraction)*

*Numbers mentally with increasingly large numbers (eg  $12,462 - 2,300 = 10,162$ )*

### ➤ Multiplication and division

*Identifies multiples and factors including finding all factor pairs of a number and common factors of two numbers*

*Solves problems involving multiplication and division including using a knowledge of factors and multiples, squares and cubes*

*Solves problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates*

### ➤ Fractions (including decimals)

*Compares and orders fractions whose denominators are all multiples of the same number*

*Reads and writes decimal numbers as fractions eg  $0.71 = 71/100$*

*Reads, writes, orders and compares numbers with up to three decimal places*

*Solves problems which require knowing percentage and decimal equivalents of  $1/2$ ,  $1/4$ ,  $1/5$ ,  $2/5$ ,  $4/5$  and those fractions with a denominator of a multiple of 10 or 25*

### ➤ Measurement

*Converts between different units of metric measure (eg kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)*

*Measures and calculates the perimeter of composite rectilinear shapes in centimetres and metres*

*Calculates and compares the area of rectangles (including squares), and including using standard units, square centimetres ( $cm^2$ ) and square metres ( $m^2$ )*

### ➤ Geometry: Properties of shape

*Draws given angles and measures them in degrees ( $^\circ$ )*

*Distinguishes between regular and irregular polygons based on reasoning about equal sides and angles*

### ➤ Geometry: position and direction

*Covered in Y6*

### ➤ Statistics

*Completes, reads and interprets information in tables, including timetables*

