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 individual and those that can be read independently

➤ Provides reasoned justifications for their views about a book

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Writing

Composition

➢ 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)

➢ Can describe settings, characters and atmosphere

SPaG

➢ Uses dictionaries to check the spelling and meaning of words

➢ Can understand and apply the difference between vocabulary typical of informal speech and vocabulary appropriate for formal speech and writing (eg find out - discover; ask for - request; go in - enter)

➢ Uses the passive voice to affect the presentation of information in a sentence (eg 'I broke the window in the greenhouse' versus 'The window in the greenhouse was broken by me)'

➢ Can use layout devices, such as headings, sub-headings, columns, bullets, or tables, to structure text

➢ Uses the colon to introduce a list

➢ Punctuates bullet points to list informatio

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Maths

Place value
Rounds any whole number to a required degree of accuracy

Uses negative numbers in context and calculates intervals across zero

Calculation
Multiplies multi-digit numbers up to four digits by a two-digit whole number using the formal written method of long multiplication

Divides numbers up to four digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context

Solves addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why

Uses estimation to check answers to calculations and determines, in the context of a problem, an appropriate degree of accuracy

Fractions
Uses written division methods in cases where the answer has up to two decimal places

Solves problems which require answers to be rounded to specified degrees of accuracy

Recalls and uses equivalences between simple fractions, decimals and percentages, including in different contexts

Ratio and proportion
Solves problems involving the calculation of percentages e.g. of measures and calculations such as 15 per cent of 360, and the use of percentages for comparison

Solves problems involving unequal sharing and grouping using knowledge of fractions and multiples

Algebra
Uses simple formulae

Measurement
Uses, reads, writes and converts between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places

Properties of shape
Compares and classifies geometric shapes based on their properties and sizes and finds unknown angles in any triangles, quadrilaterals and regular polygons

Position and direction

Draws and translates simple shapes on the coordinate plane and reflects them in the axes

Interprets pie charts and line graphs and uses these to solve problems

Statistics
Calculates and interprets the mean as an average