

Year 5 Non Negotiables

Reading	Writing	Mathematics
• Apply their growing knowledge of root words, prefixes and suffixes both to read aloud and to understand the meaning of new words they meet. • Maintain positive attitudes to reading and understanding of what they read by increasing their familiarity with a range of books, including myths, legends and traditional stories, modern fiction, fiction from our literary heritage, and books from other cultures and traditions. • Understand what they read by checking that a text makes sense to them, discussing their understanding and exploring the meaning of words in context. • Understand what they read by beginning to make simple summaries of the main ideas drawn from more than one paragraph, identifying key details that support the main ideas. • Beginning to retrieve, record and present information from non-fiction.	• Plan their writing by beginning to identify the audience for and purpose of the writing, often selecting the appropriate form and using other similar writing as models for their own. • Draft and write by beginning to describe settings, characters and atmosphere and integrating dialogue to convey character and advance the action in narratives. • Draft and write by beginning to use some organisational and presentational devices to structure text and to guide the reader [for example, headings, and bullet points]. • Evaluate and edit by beginning to use the correct tense throughout a piece of writing. • Beginning to proof-read for spelling and punctuation errors. • Develop their understanding of concepts by using modal verbs or adverbs to indicate degrees of possibility.	• Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit. • Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero. • Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction). • Add and subtract numbers mentally with increasingly large numbers. • Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers. • Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates. • Compare and order fractions whose denominators are all multiples of the same number.

• Begin to 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. • Beginning to provide reasoned justifications for their views.	• Use grammatical terminology for Year 5 converting nouns or adjectives into verbs using suffixes • Use grammatical terminology for Year 5 understanding devices to build cohesion within a paragraph. • Indicate grammatical and other features by using commas to clarify meaning or avoid ambiguity in writing.	• Read and write decimal numbers as fractions [for example, $0.71 = 71/100$]. • Read, write, order and compare numbers with up to three decimal places. • Solve 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. • Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre). • Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres. • Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm²) and square metres (m²) and estimate the area of irregular shapes. • Draw given angles, and measure them in degrees (°). • Distinguish between regular and irregular polygons based on reasoning about equal sides and angles. • Complete, read and interpret information in tables, including timetables.
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