



## Year 5 – Key Learning Targets

Mathematics	Writing	Reading
<p><b>Number &amp; Place Value:</b>            Read, write, order and compare numbers within 1,000,000            Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 or 100,000            Interpret negative numbers in context.            Read Roman numerals to 1000, including years.            Recognise and use square and cube numbers.            Use rounding to check answers and determine accuracy.            Identify multiples and factors, find factor pairs and common factors.            Use vocabulary: prime numbers, prime factors and composite numbers.            Know prime numbers up to 19.</p> <p><b>Calculations, Fractions, Decimals &amp; Percentages:</b>            Multiply and divide numbers by 10, 100 or 1000, including decimals.            Use long multiplication to multiply numbers of up to 4 digits by one or two digits.            Divide numbers using standard written short division.            Convert between mixed numbers and improper fractions.            Compare and order fractions whose denominators are multiples of the same number.            Identify, name and write equivalent fractions including tenths and hundredths.            Add and subtract fractions with denominators that are multiples of the same number.            Multiply proper fractions and mixed numbers by whole numbers with support.            Read and write decimal numbers as fractions.            Round decimals with 2 decimal places to a whole number or to one decimal place.            Read, write, order and compare numbers with up to 3 decimal places.            Recognise % symbol and explain as a fraction.</p> <p><b>Shape, Measure &amp; Data Handling:</b>            Measure and calculate the perimeter of composite rectilinear shapes.            Calculate the area of rectangles, and estimate the area of irregular shapes.            Use the properties of rectangles to find missing lengths and angles.            Distinguish between regular and irregular polygons.            Identify 3D shapes from 2D representations.            Draw and measure angles to the nearest degree and compare acute, obtuse and reflex angles.            Identify angles at a point, in a turn and on a straight line.            Describe and represent the result of a reflection or translation.            Complete and interpret information in tables, graphs and timetables.</p>	<p><b>Composition:</b>            Beginning to independently apply their knowledge:              Write for a range of purposes and audiences, confidently selecting appropriate organisation and structure.            Describe settings, characters and atmosphere to consciously engage the reader.            Select and use organisational and presentation devices that are relevant to the text type, eg. headings, bullet points.            Begin to proof-read work to remove repetition or irrelevant details.            Create paragraphs that are usually suitably linked.            Proof-read work to assess effectiveness and make corrections and improvements.</p> <p><b>Punctuation &amp; Grammar:</b>            Use the full range of punctuation from previous year groups.            Use commas to clarify meaning or to avoid ambiguity.            Use a wider range of linking words/phrases between sentences and paragraphs to build cohesion, including adverbials for time, place and number, eg. later, nearby, secondly.            Use relative clauses beginning with a pronoun, eg. Professor Scriffler, who was an inventor, had made a breakthrough.            Use brackets, dashes or commas to begin to indicate parenthesis.            Use adverbs and modal verbs to indicate degrees of possibility, eg. surely, perhaps, should, ought.</p> <p><b>Spelling Rules:</b>            In addition to learning some of the Year 5/6 words from the National Curriculum lists:            Spell many verb prefixes correctly, eg. <b>deactivate</b>, <b>overturn</b>, <b>misconduct</b>.            Convert nouns or adjectives into verbs using suffixes, eg. <b>classify</b>, <b>criticise</b>.</p>	<p><b>Word Reading:</b>            Apply knowledge of root words, prefixes and suffixes to read aloud and to understand the meaning of unfamiliar words.            Read further exception words, noting some unusual correspondences between spelling and sound.            Attempt pronunciation of unfamiliar words, drawing on prior knowledge of similar looking words.            Re-read and read ahead to check for meaning.</p> <p><b>Comprehension:</b>            Talk about a wide range of books and text types, including myths, legends and books from other cultures and traditions, discussing the features of each.            Read non-fiction texts and identify the purpose, structure and grammatical features, evaluating how effective they are.            Identify significant ideas, events and characters and discuss their significance.            Recite poems by heart, eg. narrative verse, haiku.            Prepare poems and plays to read aloud and perform, showing understanding through intonation, tone, volume and action.</p> 