





### Year 6 – Key Learning Targets

| Mathematics   | Writing   | Reading   |
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| <p><b><u>Number &amp; Place Value:</u></b><br/>           Read, write, order and compare numbers to 10,000,000.<br/>           Round any number to 10,000,000 to the nearest 10, 100, 1,000, 10,000, 100,000 or 1,000,000.<br/>           Recognise the place value of each digit in numbers to 10,000,000.<br/>           Use negative numbers in context and calculate intervals across zero.<br/>           Read Roman numerals to at least 1,000 (M).</p> <p><b><u>Calculations, Fractions, Decimals &amp; Percentages:</u></b><br/>           Divide numbers using long division, interpreting remainders.<br/>           Use order of operations to carry out calculations.<br/>           Use common factors to simplify fractions.<br/>           Compare and order fractions of any size.<br/>           Add and subtract fractions with different denominators.<br/>           Multiply simple pairs of proper fractions.<br/>           Divide proper fractions by whole numbers.<br/>           Calculate decimal fraction equivalents for simple fractions.<br/>           Multiply a number with two decimal places by whole numbers.<br/>           Use written division with answers of up to two decimal places.<br/>           Solve problems involving the calculation of percentages.<br/>           Recall and use equivalences between fractions, decimals &amp; percentages.<br/>           Solve problems using ratio using multiplication and division facts.<br/>           Solve problems involving similar shapes where the scale factor is known.<br/>           Solve proportion problems using known fractions &amp; multiples.<br/>           Use simple formulae &amp; express missing number problems algebraically.</p> <p><b><u>Shape, Measure &amp; Data Handling:</u></b><br/>           Convert units of measure between smaller and larger units.<br/>           Convert between miles and kilometres.<br/>           Calculate the area of parallelograms and triangles.<br/>           Calculate and compare volume of cubes and cuboids.<br/>           Illustrate and name parts of a circle.<br/>           Find missing angles in triangles, quadrilaterals and regular polygons.<br/>           Recognise vertically opposite angles and find missing angles.<br/>           Describe positions on the full co-ordinate grid.<br/>           Translate shapes on a co-ordinate grid and reflect in the axes.<br/>           Construct and interpret pie charts.<br/>           Calculate the mean as an average.</p> | <p><b><u>Composition:</u></b><br/>           Independently apply their knowledge:</p>  <p>Write effectively for a range of purposes and audiences, selecting language that shows a good awareness of the reader, eg. use of the first person in a diary, direct address in instructions and persuasive writing.<br/>           Describe settings characters and atmosphere in narrative.<br/>           Integrate dialogue in narratives to convey character and advance the action and plot.</p> <p><b><u>Punctuation &amp; Grammar:</u></b><br/>           Use the full range of punctuation from previous year groups mostly correctly, including inverted commas, the semi-colon, colon, dash and hyphen.<br/>           Select vocabulary and grammatical structures that reflect what the writing requires, eg. use of contracted words in dialogue, passive verbs to affect how information is presented, modal verbs to suggest degrees of possibility.<br/>           Use a range of devices to build cohesion throughout a piece of writing, eg. conjunctions, adverbials of time and place, pronouns.<br/>           Use verb tenses consistently and correctly throughout writing.</p> <p><b><u>Spelling Rules:</u></b><br/>           In addition to learning most of the Year 5/6 words from the National Curriculum lists:<br/>           Convert nouns or adjectives into verbs using suffixes, eg. <b>classify, criticise</b>.<br/>           Distinguish between homophones and other words which are often confused.<br/>           Use a dictionary or thesaurus to check the spelling of uncommon words or more ambitious vocabulary.</p> | <p><b><u>Word Reading:</u></b><br/>           Apply knowledge of root words, prefixes and suffixes to read aloud and to understand the meaning of unfamiliar words.<br/>           Use combined knowledge of phonemes and word derivations to pronounce words correctly, e.g. arachnophobia.<br/>           Attempt the pronunciation of unfamiliar words drawing on prior knowledge of similar looking words.<br/>           Read fluently, using punctuation to inform meaning.</p> <p><b><u>Comprehension:</u></b><br/>           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.<br/>           Read books that are structured in different ways.<br/>           Recognise texts that contain features from more than one text type.<br/>           Evaluate how effectively texts are structured and presented.<br/>           Read non-fiction texts to help with my learning.<br/>           Read accurately and check that I understand.<br/>           Recommend books to others and give reasons for my recommendation.<br/>           Identify themes in texts.<br/>           Identify and discuss the conventions in different text types.<br/>           Identify the key points in a text.<br/>           Recite a range of poems by heart, e.g. narrative verse, sonnet.<br/>           Prepare poems and plays to read aloud and to perform, showing understanding through intonation, tone, volume and action.</p>  |