Heathlands Primary Academy Curriculum Map

Year 5 (Autumn 1)

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| **English**  Over the course of this academic year the children will be working towards the following objectives. | **Maths**  Over the course of this half term the children will be working towards the following objectives. |
| **Reading**   * **read age-appropriate books with confidence and fluency (including short novels)** * **read aloud with some intonation that shows understanding** * **work out the meaning of words from the context** * **explain and discuss their understanding** maintaining a focus on the topic and using notes where necessary, **and justify ideas with evidence** * **draw on inferences** such as inferring characters’ feelings, thoughts and motives from their actions, **and justify inferences with evidence** * **predict what might happen from details stated and implied** * **retrieve**, record and present **information from non-fiction** * distinguish between statements of fact and opinion * identify how structure and presentation contribute to meaning * **summarise the main ideas drawn from more than one paragraph, identifying key details that support the main ideas** * identify and discuss themes and conventions * able to appreciate subtleties and nuances in texts * **discuss and evaluate how authors use language, including figurative language, considering the impact on the reader** * **make comparisons within and across books** * participate in discussions about books; challenging views courteously * express views about books and provide reasoned justifications for their views   **Writing**   * **Uses direct** and reported **speech for characterisation** * **Uses setting to create mood** * **Includes some significant interaction between characters through action, description and character responses** * Confidently and consistently uses the main features of text type * **Adapts sentence structure to the text type** * **Links sentences within paragraphs** * **Uses subordinate and embedded clauses to write varied sentences** * **Uses paragraphs to signal a change in time, scene, action, mood or person** * Uses shifts in time and place to create plots with more than one narrative thread * **Uses capital letters, full stops, question marks, exclamation marks, commas in lists, apostrophes and inverted commas with accuracy** * **Proof reads to check for errors in spelling, grammar and punctuation** * **Uses a colon to introduce a list and a semi-colon within a list** * **Ensures the consistent and correct use of tense throughout a piece of writing** * **Uses relative/embedded clauses beginning with; who, which, where, when, whose and that** * **Uses commas to clarify meaning or avoid ambiguity** * **Chooses words and phrases that both engage the reader and support the purpose** * **Chooses words for deliberate effect on the reader** * Uses a range of similes, personification and metaphors to deliberately affect the reader * **Spells most of the Y5 and Y6 keywords with accuracy** * Chooses which shape of a letter * to use when given choices and decide whether or not to join specific letters * Chooses the writing implement that is best suited for a task * **Handwriting is increasingly legible and consistent** * **Uses devices to build cohesion** | * Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit. * *Identify, represent and estimate numbers using the number line.* * Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000. * *Describe and extend number sequences including those with multiplication and division steps and those where the step size is a decimal.* * Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000. * Solve number problems and practical problems that involve all of the above. * *Find 1, 10, 100, 1000 and other powers of 10 more or less than a given number than a given number.* Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit. * *Identify, represent and estimate numbers using the number line.* * Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000. * *Describe and extend number sequences including those with multiplication and division steps and those where the step size is a decimal.* * Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000. * Solve number problems and practical problems that involve all of the above. * *Find 1, 10, 100, 1000 and other powers of 10 more or less than a given number than a given number.* * *Identify, represent and estimate numbers using the number line.* * Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents. * *Identify the value of each digit to three decimal places.* * Read, write, order and compare numbers with up to three decimal places. * *Find 0.01, 0.1, 1, 10, 100, 1000 and other powers of 10 more or less than a given number than a given number.* * *Count forwards and backwards in decimal steps.* * *Describe and extend number sequences including those with multiplication and division steps and those where the step size is a decimal.* * Round decimals with two decimal places to the nearest whole number and to one decimal place. * Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000. * Solve problems involving number up to three decimal places. * Add and subtract whole numbers with more than 4 digits and decimals with two decimal places, including using formal written methods (columnar addition and subtraction). * *Choose an appropriate strategy to solve a calculation based upon the numbers involved (recall a known fact, calculate mentally, use a jotting, written method).* * *Use estimation and inverse to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy*. * Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. * Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles. * Draw given angles and measure them in degrees (°). * Distinguish between regular polygons based on reasoning about equal sides and angles. * Use the properties of rectangles to deduce related facts and find missing lengths and angles. * Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres. * Solve comparison, sum and difference problems using information presented in a line graph. * Add and subtract numbers mentally with increasingly large numbers and decimals to two decimal places. * *Choose an appropriate strategy to solve a calculation based upon the numbers involved (recall a known fact, calculate mentally, use a jotting, written method).* * *Select a mental strategy appropriate for the numbers involved in the calculation.* |