Heathlands Primary Academy Curriculum Map

Year 5 (Spring 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** | * Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers through zero. * *Calculate difference in temperature, including those that involve a positive and negative temperature.* * *Describe and extend number sequences including those with multiplication and division steps and those where the step size is a decimal.* * *Continue to order temperatures including those below 0°C.* * Read Roman numerals to 1000 (M) and recognise years written in Roman numerals. * Add and subtract numbers mentally with increasingly large numbers and decimals to two 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). * *Use estimation and inverse to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy*. * *Calculate difference in temperature, including those that involve a positive and negative temperature.* * *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.* * Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. * Use all four operations to solve problems involving measure (for example, length, mass, volume, money) using decimal notation. * Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers. * Multiply and divide numbers mentally drawing upon known facts. * Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers. * Solve problems involving multiplication including using their knowledge of factors and multiples, cubes and squares. * Solve problems involving multiplication, including scaling by simple fractions and problems involving simple rates. * Use, read and write standard units of length and mass to a suitable degree of accuracy. * Estimate *(and calculate)* capacity. * Multiply and divide numbers and those involving decimals by 10, 100 and 1000. * Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre). * Distinguish between regular and irregular polygons based on reasoning about equal sides and angles. * Describe positions on the first quadrant of a coordinate grid. * Plot specified points and complete shapes. * Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed. * Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles. * Draw given angles, and measure them in degrees (°). * Identify angles at a point and one whole turn (total 360°). * Identify angles at a point on a straight line and a turn (total 180°). * Identify other multiples of 90°. |