**Maths Medium Term Planning**

**Year Four**

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| **WR Block: Addition and Subtraction** | | **Autumn Term** | |
| **National Curriculum Objectives** | **Small Steps** | **Prior Learning** | **Future Progression** |
| * Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate. * Estimate and use inverse operations to check answers to a calculation. * Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why. | * Add and subtract 1s, 10s, 100s and 1,000s * Add up to two 4-digit numbers- no exchange * Add two 4-digit numbers- one exchange * Add two 4-digit numbers – more than one exchange * Subtract two 4-digit numbers- no exchange * Subtract two 4-digit numbers – one exchange * Subtract two 4-digit numbers- more than one exchange * Efficient subtraction * Estimate answers * Checking strategies | **Y3**   * Add and subtract numbers mentally, including: a three-digit number and ones, a three-digit number and tens, a three-digit number and hundreds. * Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction. * Estimate the answer to a calculation and use inverse operations to check answers. * Solve problems, including number problems, using number facts, place value and more complex addition and subtraction. | **Y5**   * 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. * Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy. * Solve multi-step problems in contexts, deciding which operations and methods to use and why. |
| **Key Vocabulary**  **New Vocabulary:**  inverse | **Key Vocabulary:**  **Previous Year Group:**  hundreds boundary | **Stem Sentences**  The next/ previous multiple of 10/ 100/ 1,000 is \_\_\_\_.  I can partition \_\_\_ into \_\_\_ and \_\_\_\_.  The value of the \_\_\_\_ column will increase/ decrease by \_\_\_\_.  I have \_\_\_ hundreds so I do/ do not need to make an exchange.  I can exchange 10 \_\_ for 1 \_\_\_. | |
| **Concrete, Pictorial, Abstract Models/ Calculations** | | | |
| **Addition** | | | |
| **Subtraction** | | | |