**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.
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| **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** |