**Maths Medium Term Planning**

**Year Three**

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| **WR Block: Number: Multiplication and Division B** | **Spring Term** |
| **National Curriculum Objectives** | **Small Steps** | **Prior Learning** | **Future Progression** |
| * Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
* Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.
* Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.
 | * Multiples of 10
* Related calculations
* Reasoning about multiplication
* Multiply a 2-digit number by a 1-digit number- no exchange
* Multiply a 2-digit number by a 1-digit number-with exchange
* Link multiplication and division
* Divide a 2-digit number by a 1-digit number- no exchange
* Divide a 2-digit number by a 1-digit number- flexible partitioning
* Divide a 2-digit number by a 1-digit number-with remainders
* Scaling
* How many ways?
 | **Y2:*** Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
* Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication, division and equals signs.
* Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.
* Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
 | **Y4:*** Recall multiplication and division facts for multiplication tables up to 12x12.
* Multiply two-digit and three-digit numbers by a one-digit number using formal written layouts.
* Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.
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