**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. |