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| Year group: YEAR 3     |  |
|                        | High Value Targets   |
| Number and place value | <ul style="list-style-type: none"> <li>-Identify, represent and estimate numbers using different representations (including the number line).</li> <li>-Recognise the place value of each digit in a three-digit number (hundreds, tens, ones).</li> <li>-Partition numbers in different ways (e.g. <math>146 = 100 + 40 + 6</math> and <math>146 = 130 + 16</math>).</li> <li>-Compare and order numbers up to 1000.</li> <li>-Find 1, 10 or 100 more or less than a given number.</li> <li>-Round numbers to at least 1000 to the nearest 10 or 100.</li> <li>-Find the effect of multiplying a one- or two-digit number by 10 and 100, identify the value of the digits in the answer.</li> </ul> |
| Addition               | <ul style="list-style-type: none"> <li>-Recall/use addition facts for 100 (multiples of 5 and 10).</li> <li>Add numbers mentally, including: <ul style="list-style-type: none"> <li>- a three-digit number and ones.</li> <li>- a three-digit number and tens.</li> <li>- a three-digit number and hundreds.</li> </ul> </li> <li>- Add numbers with up to three digits, using formal written methods of columnar addition.</li> <li>-Solve problems, including missing number problems, using number facts and place value.</li> </ul>  |
| Subtraction            | <ul style="list-style-type: none"> <li>-Recall/use subtraction facts for 100 (multiples of 5 and 10).</li> <li>-Subtract numbers mentally, including: <ul style="list-style-type: none"> <li>- a three-digit number and ones.</li> <li>- a three-digit number and tens.</li> <li>- a three-digit number and hundreds.</li> </ul> </li> <li>- Subtract numbers with up to three digits, using formal written methods of columnar subtraction.</li> <li>-Solve problems, including missing number problems, using number facts, place value.</li> </ul>  |
| Multiplication         | <ul style="list-style-type: none"> <li>-Recall and use multiplication facts for the 3, 4 and 8 multiplication tables.</li> <li>- Write and calculate mathematical statements for multiplication using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.</li> <li>- Solve problems, including missing number problems, involving multiplication (and interpreting remainders).</li> </ul>  |
| Division               | <ul style="list-style-type: none"> <li>-Recall and use division facts for the 3, 4 and 8 multiplication tables.</li> <li>- Write and calculate mathematical statements for division using mental and progressing to formal written methods.</li> <li>- Solve problems, including missing number problems, involving division (and interpreting remainders).</li> </ul>   |
| Fractions              | <ul style="list-style-type: none"> <li>-Recognise and show, using diagrams, equivalent fractions with small denominators.</li> </ul>   |