

Year group: YEAR 5	
	High Value Targets
Number and place value	<ul style="list-style-type: none"> <li>-Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit.</li> <li>-Read, write, order and compare numbers with up to 3 decimal places.</li> <li>-Find 0.01, 0.1, 1, 10, 100, 100 and other powers of 10 more or less than a given number.</li> <li>-Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000.</li> <li>-Multiply/divide whole numbers and decimals by 10, 100 and 1000.</li> <li>-Interpret negative numbers in context, count on and back with positive and negative whole numbers, including through zero.</li> </ul>
Addition	<ul style="list-style-type: none"> <li>-Recall and use addition facts for 1 and 10 (with decimal numbers to one decimal place).</li> <li>-Add numbers mentally with increasingly large numbers and decimals to two decimal places.</li> <li>-Add whole numbers with more than 4 digits and decimals with two decimal places, including using formal written methods (columnar addition).</li> <li>-Solve addition multi-step problems.</li> </ul>
Subtraction	<ul style="list-style-type: none"> <li>-Recall and use subtraction facts for 1 and 10 (with decimal numbers to one decimal place).</li> <li>-Subtract numbers mentally with increasingly large numbers and decimals to two decimal places.</li> <li>-Subtract whole numbers with more than 4 digits and decimals with two decimal places, including using formal written methods (columnar subtraction).</li> <li>-Solve subtraction multi-step problems.</li> </ul>
Multiplication	<ul style="list-style-type: none"> <li>-Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.</li> <li>-Use partitioning to double any number, including decimals to two decimal places.</li> <li>-Solve problems involving multiplication.</li> <li>-Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers.</li> <li>-Use estimation/inverse to check answers to calculations.</li> </ul>
Division	<ul style="list-style-type: none"> <li>-Use partitioning to halve any number, including decimals to two decimal places. .</li> <li>-Solve problems involving division.</li> <li>-Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context.</li> <li>-Use estimation/inverse to check answers to calculations.</li> </ul>
Fractions, decimals and percentages	<ul style="list-style-type: none"> <li>-Recognise mixed numbers and improper fractions and convert from one form to the other.</li> <li>-Add and subtract fractions with denominators that are the same and that are multiples of the same number (using diagrams).</li> </ul>