

Curriculum Strand	Week	Learning Objective Curriculum Sub-strand	Additional Activities	Professor Assessor Assessment	Rec. No. of Questions	Estimated Test Duration
<b>NUMBER AND PLACE VALUE CALCULATIONS (+/-)</b>	1	<ul style="list-style-type: none"> <li>✓ 5N3b – Read Roman numerals to 1000 (M) and recognise years written in Roman numerals</li> <li>✓ 5C1 - Add and subtract numbers mentally with increasingly large numbers</li> <li>✓ 5C3 - Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy</li> </ul>	<ul style="list-style-type: none"> <li>✓ 5N1 - Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000</li> <li>✓ 5N2 - Read, write, order and compare numbers to at least 1 000 000</li> <li>✓ 5N3a - Determine the value of each digit in numbers up to 1 000 000</li> </ul>			
<b>CALCULATION (x/÷)</b>	2	<ul style="list-style-type: none"> <li>✓ 5C6a - Multiply and divide numbers mentally drawing upon known facts</li> <li>✓ 5C6b - Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000</li> <li>✓ 5C8b - Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign</li> </ul>	<ul style="list-style-type: none"> <li>✓ 5N4 - Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000</li> <li>✓ 5N5 - Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero</li> </ul>	5N3b 5C1 5C3 5C6a 5C6b 5C8b	30	30 - 45 mins
<b>FRACTIONS</b>	3	<ul style="list-style-type: none"> <li>✓ 5F2a - Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements <math>&gt;1</math> as a mixed number [for example, <math>\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}</math>]</li> <li>✓ 5F2b- Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.read and write decimal numbers as fractions [for example, <math>0.71 = \frac{71}{100}</math>]</li> <li>✓ 5F3 - Compare and order fractions whose denominators are all multiples of the same number</li> </ul>	<ul style="list-style-type: none"> <li>✓ 5N1 - Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000</li> <li>✓ 5N5 - Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero</li> </ul>			
<b>FRACTIONS</b>	4	<ul style="list-style-type: none"> <li>✓ 5F4 - Add and subtract fractions with the same denominator and denominators that are multiples of the same number</li> <li>✓ 5F11 - Recognise the per cent symbol (%) and understand that per cent relates to “number of parts per hundred”, and write percentages as a fraction with denominator 100, and as a decimal</li> </ul>	<ul style="list-style-type: none"> <li>✓ 5N2 - Read, write, order and compare numbers to at least 1 000 000</li> <li>✓ 5N3a - Determine the value of each digit in numbers up to 1 000 000</li> <li>✓ 5N4 - Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000</li> </ul>	5F2a 5F2b 5F3 5F4 5F11	30	30 - 45 mins



## Medium-term Plan

### Summer term, two weekly assessment – Medium Confidence

MEASUREMENT	5	<ul style="list-style-type: none"> <li>✓ 5F12 - Solve problems which require knowing percentage and decimal equivalents of <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{5}</math>, <math>\frac{2}{5}</math>, <math>\frac{4}{5}</math> and those fractions with a denominator of a multiple of 10 or 25</li> </ul>		5F12		
MEASUREMENT	6	<ul style="list-style-type: none"> <li>✓ 5M7a - Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres</li> <li>✓ 5M7b - Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm<sup>2</sup>) and square metres (m<sup>2</sup>) and estimate the area of irregular shapes</li> <li>✓ 5M8 - Estimate volume [for example, using 1 cm<sup>3</sup> blocks to build cuboids (including cubes)] and capacity [for example, using water].</li> </ul>	<ul style="list-style-type: none"> <li>✓ 5M9a - Use all four operations to solve problems involving measure [money] using decimal notation including scaling</li> <li>✓ 5M9d - Use all four operations to solve problems involving measure [eg: volume] using decimal notation including scaling</li> </ul>	5M4 5M5 5M6 5M7a 5M7b 5M8	30	30 - 45 mins
CALCULATION (x/÷)	7	<ul style="list-style-type: none"> <li>✓ 5C5a - Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers</li> <li>✓ 5C5b – Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers</li> <li>✓ 5C5c – Establish whether a number up to 100 is prime and recall prime numbers up to 19</li> <li>✓ 5C5d – Recognise and use square numbers and cube numbers, and the notation for squared (²) and cubed (³)</li> </ul>	<ul style="list-style-type: none"> <li>✓ 5C3 - Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy</li> <li>✓ 5C4 - Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</li> </ul>			



<p><b>FRACTIONS</b></p>	<p>8</p>	<ul style="list-style-type: none"> <li>✓ 5F5 - Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams</li> <li>✓ 5F10 - Solve problems involving number up to three decimal places</li> </ul>	<ul style="list-style-type: none"> <li>✓ 5C1 - Add and subtract numbers mentally with increasingly large numbers</li> <li>✓ 5C2 - Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</li> <li>✓ 5C3 - Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy</li> </ul>	<p>5c5a 5C5b 5C5c 5C5d 5F5 5F10</p>	<p>30</p>	<p>30 - 45 mins</p>
<p><b>CALCULATIONS (+/-)</b></p>	<p>9</p>	<ul style="list-style-type: none"> <li>✓ 5C1 - Add and subtract numbers mentally with increasingly large numbers</li> <li>✓ 5C2 - Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</li> <li>✓ 5C4 - Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</li> </ul>	<ul style="list-style-type: none"> <li>✓ 5N1 - Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000</li> <li>✓ 5N2 - Read, write, order and compare numbers to at least 1 000 000</li> </ul>			
<p><b>CALCULATION (x/÷)</b></p>	<p>10</p>	<ul style="list-style-type: none"> <li>✓ 5C8a - Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes</li> <li>✓ 5C8c – Solve problems involving multiplication and division including scaling by simple fractions and problems involving simple rates</li> </ul>	<ul style="list-style-type: none"> <li>✓ 5N3a - Determine the value of each digit in numbers up to 1 000 000</li> <li>✓ 5N4 - Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000</li> </ul>	<p>5C1 5C2 5C4 5C8a 5C8c</p>	<p>20</p>	<p>20 - 35 mins</p>
<p><b>FRACTIONS</b></p>	<p>11</p>	<ul style="list-style-type: none"> <li>✓ 5F6a - Read and write decimal numbers as fractions [for example, <math>0.71 = \frac{71}{100}</math>]</li> <li>✓ 5F6b - Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents</li> <li>✓ 5F7 - Round decimals with two decimal places to the nearest whole number and to one decimal place</li> <li>✓ 5F8 - Read, write, order and compare numbers with up to three decimal places</li> </ul>	<ul style="list-style-type: none"> <li>✓ 5N3b – Read Roman numerals to 1000 (M) and recognise years written in Roman numerals</li> <li>✓ 5C1 - Add and subtract numbers mentally with increasingly large numbers</li> </ul>			



<b>PROBLEM SOLVING</b>	12	<ul style="list-style-type: none"><li>✓ 5M7b - Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm<sup>2</sup>) and square metres (m<sup>2</sup>) and estimate the area of irregular shapes</li><li>✓ 5F12 - Solve problems which require knowing percentage and decimal equivalents of <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{5}</math>, <math>\frac{2}{5}</math>, <math>\frac{4}{5}</math> and those fractions with a denominator of a multiple of 10 or 25</li></ul>	<ul style="list-style-type: none"><li>✓ 5C1 - Add and subtract numbers mentally with increasingly large numbers</li><li>✓ 5C2 - Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</li><li>✓ 5C3 - Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy</li></ul>	5F6a 5F6b 5F7 5F8 5M7b 5F12	30	30 - 45 mins
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