

Year 6-Term 3	
Number and Place Value	Solve number and practical problems that involve all previously learned skills.
Addition and Subtraction	Solve number and practical problems that involve all previously learned skills. Interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context .
Multiplication and division	<p>Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.</p> <p>Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy.</p> <p>Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.</p> <p>Use written division methods in cases where the answer has up to two decimal places.</p>
Fractions – decimals and percentages	<p>Solve number and practical problems that involve all previously learned skills. Interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context.</p> <p>Multiply simple pairs of proper fractions, writing the answer in its simplest form [$\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$] .</p> <p>Divide proper fractions by whole numbers [$\frac{1}{3} \div 2 = \frac{1}{6}$] .</p> <p>Associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction [$\frac{3}{8}$] including in different contexts.</p> <p>Multiply up to 2 digit decimals by whole numbers.</p>
Ratio and Proportion	<p>Solve number and practical problems that involve all previously learned skills. Enumerate possibilities of combinations of two variables.</p> <p>Solve problems using/ finding a scale factor for shapes.</p>
Algebra	Find pairs of numbers that satisfy an equation with two unknowns .
Measurement	<p>Calculate, estimate and compare volume of cubes and cuboids using standard units, including mm³ and km³.</p> <p>Be aware of standard using units of measure for speed; recognize and compare them.</p>
Geometry - shapes	<p>Solve problems involving similar shapes where the scale factor is known or can be found.</p> <p>Calculate the area of parallelograms and triangles.</p> <p>Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius .</p>
Geometry: Position & direction	<p>Recognise angles where they are vertically opposite, and find missing angles.</p> <p>Pupils describe the properties of shapes and explain how unknown angles and lengths. can be derived from known measurements.</p>
Statistics	Interpret and construct pie charts and use these to solve problems.