

Mathematics – Spring Term First Half
Class 3 Year 5 Year6

Calculation	Measures	Algebra
<p>On-going calculation work using the four operations in both mental and written forms: addition, subtraction, multiplication and division as part of starter activities and as integral to other areas of the national curriculum being covered. Including working with decimal numbers, fractions, place value and reading, writing and organising large numbers.</p>	<ul style="list-style-type: none"> • measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres • calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm²) and square metres (m²) and estimate • convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre) • use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling • solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate • use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places • convert between miles and kilometres 	<ul style="list-style-type: none"> • use simple formulae • generate and describe linear number sequences • express missing number problems algebraically • find pairs of numbers that satisfy an equation with two unknowns • enumerate possibilities of combinations of two variables

	<ul style="list-style-type: none">• recognise that shapes with the same areas can have different perimeters and vice versa• recognise when it is possible to use formulae for area and volume of shapes• calculate the area of parallelograms and triangles	
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