



Maths Medium Term Planning

Year Group: Six

Term: Spring

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
Number – Decimals		Number – Percentages		Number – Algebra		Measurement – Converting units		Measurement – Perimeter, Area and volume		Number – Ratio		Number – Statistics
<p>Identify the value of each digit in numbers given to 2 decimal places (R)</p> <p>Understand thousandths as a decimal number linking to fractions (R)</p> <p>Identify the value of each digit in numbers given to 3 decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to 3 decimal places</p> <p>Multiply numbers with up to 3-decimal places by whole numbers (link to money)</p> <p>Divide numbers with up to 3-decimal places by whole numbers (link to money)</p> <p>Represent decimals as fractions and complete fraction decimal conversions</p>		<p>Understand the meaning of a percentage and representations as parts of 100 (R)</p> <p>Recall and use equivalences between simple fractions, decimals and percentages including different contexts</p> <p>Order fraction, decimals and percentages</p> <p>Review fractions of amounts to link to percentages of amounts</p> <p>Solve problems involving the calculation of percentages (for example, of measures and such as 15% of 360) and the use of percentages for comparison</p> <p>Find the whole or missing percentage when other values are given</p>		<p>Find a rule using one step progressing to two step functions</p> <p>Express missing number problems algebraically</p> <p>Find pairs of numbers that satisfy an equation with two unknowns</p> <p>Enumerate possibilities of combinations of two variables</p>		<p>Solve problems involving the calculation and conversion of units of measure, using decimals notation up to three decimal places where appropriate</p> <p>Use, read, write and covert between standard units, converting measurements of length, mass, volume and time from a smaller unit, and vice versa using decimal notation up to 3 dp</p> <p>Convert between miles and kilometres</p>		<p>Recognise that shapes with the same areas can have different perimeters and vice versa</p> <p>Recognise when it is possible to use formulae for area and volume of shapes</p> <p>Calculate the area of parallelograms and triangles</p> <p>Calculate, estimate and compare volume of cubes and cuboids using standard units, including cm³, m³ and extending to other units (mm³ and km³)</p>		<p>Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts</p> <p>Solve problems involving similar shapes where the scale factor is known or can be found</p>		<p>Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples</p> <p>Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius</p> <p>Interpret and construct pie charts and line graphs and use these solve problems</p> <p>Calculate the mean as an average</p>