

St Michael's Church School Medium Term Maths Plan: 2019-2020

Year Group:

6

Term:

Spring 1

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
	Number – Decimals/Percentages		Measure- converting units		Geometry- Position and direction	
Learning Focus	<p>Identify the value of each digit in numbers given to three decimal places.</p> <p>Multiply one-digit numbers with up to two decimal places by a whole number.</p> <p>Multiply and divide numbers by 10, 100 and 1000 where the answers are up to three decimal places.</p> <p>Use written division methods in cases where the answer is up to two decimal places.</p> <p>Find fractions and percentages of whole number quantities.</p>		<p>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 up to three decimal places.</p> <p>Solve problems involving the calculation and conversion of units of measure using decimal notation up to three decimal places where appropriate.</p> <p>Convert between miles and kilometres.</p>		<p>Describe positions on the full co-ordinate grid (all 4 quadrants).</p> <p>Draw and translate/rotate simple shapes on the co-ordinate plane, and reflect them in the axes.</p>	

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Term: Spring 2

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Area of focus	Perimeter, Area and Volume		Angles	Time	Number- Ratio and Proportion	
Learning Focus	<p>Calculate, estimate and compare volumes of cubes and cuboids. Extend to mm and km.</p> <p>Recognise when it is possible to use formulae for volume and area of shapes.</p> <p>Recognise that shapes with the same area can have different perimeters and vice versa.</p> <p>Calculate the area of parallelograms and triangles.</p>	<p>Find unknown angles in any triangles, quadrilaterals and regular polygons.</p> <p>Recognise angles where they meet at a point, are on a straight line, or are vertically opposite and find missing angles.</p>	<p>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 up to three decimal places.</p> <p>Solve problems involving the calculation and conversion of units of measure using decimal notation up to three decimal places where appropriate.</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 a grouping using knowledge of fractions and multiples.</p>		