

Mathematics Curriculum Map: Year 4



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
Autumn	Reasoning with large numbers			Addition and subtraction			Multiplication and division			Discrete and continuous data
	<ul style="list-style-type: none"> 4-digit place value. Read, write, represent, order and compare Find 10, 100 or 1000 more or less Round numbers to the nearest 10, 100 or 1000 	<ul style="list-style-type: none"> Select appropriate strategies to add and subtract Illustrate and explain appropriate addition and subtraction strategies including column method with regrouping 	<ul style="list-style-type: none"> Distributive property including multiplying three 1-digit numbers Mental multiplication and division strategies using place value and known and derived facts Short multiplication and division 	<ul style="list-style-type: none"> Read, interpret and construct pictograms, bar charts and time graphs Compare tables, pictograms and bar charts 						

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Spring	Securing multiplication facts			Fractions			Time			Decimals		Area and perimeter
	<ul style="list-style-type: none"> Identify and explore patterns in multiplication tables including 7 and 9 	<ul style="list-style-type: none"> Explore different interpretations and representations of fractions Equivalent fractions Represent fractions greater than one as mixed number and improper fractions Add and subtract fractions with the same denominator including fractions greater than one 	<ul style="list-style-type: none"> Analogue to digital, 12-hour and 24-hour Convert between units of time 	<ul style="list-style-type: none"> Decimal equivalents to tenths, quarters and halves Compare and order numbers with same number of decimal places Multiply and divide by 10 and 100 including decimals 	<ul style="list-style-type: none"> Perimeter of rectangles and rectilinear shapes Area of rectangles and rectilinear shapes Investigate area and perimeter 							

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Summer	Solving measures and money problems			Shape and symmetry			Position and direction		Reasoning with pattern and sequences		3-D shape
	<ul style="list-style-type: none"> Convert units of measure Select appropriate units to measure Use strategies to investigate problems: trial and improvement, organising using lists and tables, working systematically 	<ul style="list-style-type: none"> Classify, compare and order angles Compare and classify 2-D shapes Identify lines of symmetry 	<ul style="list-style-type: none"> Describe and plot using coordinates Describe translations 	<ul style="list-style-type: none"> Roman numerals up to 100 Place value of other number systems Number sequences and patterns 	<ul style="list-style-type: none"> Use understanding of 3-D shapes Identify 3-D shapes from 2-D representations 						

The Dimensions of Depth - Conceptual Understanding, Language and Communication and Mathematical Thinking - underpin all aspects of the curriculum; problem solving is at the heart and is embedded in all units.

