

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	
Autumn	Early mathematical experiences				Pattern and early number		Numbers within 6		Addition and subtraction within 6		Numbers within 10	
	<ul style="list-style-type: none"> • Classifying objects based on one attribute • Matching equal and unequal sets • Comparing objects and sets • Ordering objects and sets 				<ul style="list-style-type: none"> • Recognise, describe, copy and extend colour and size patterns • Count and represent the numbers 1 to 3 • Estimate and check by counting 		<ul style="list-style-type: none"> • Count up to six objects. • One more or one fewer • Order numbers 1 – 6 • Conservation of numbers within six 		<ul style="list-style-type: none"> • Explore zero • Explore addition and subtraction 		<ul style="list-style-type: none"> • Count up to ten objects • Represent, order and explore numbers to ten • One more or fewer, one greater or less 	
Spring	Addition and subtraction within 10	Grouping and sharing		Number patterns within 15		Doubling and halving	Calendar and time	Measures	Shape and pattern	Shape and sorting		
	<ul style="list-style-type: none"> • Explore addition as counting on and subtraction as taking away 	<ul style="list-style-type: none"> • Counting and sharing in equal groups • Grouping into fives and tens • Relationship between grouping and sharing 		<ul style="list-style-type: none"> • Count up to 15 objects and recognise different representations • Order and explore number patterns to 15 • One more or fewer 		<ul style="list-style-type: none"> • Doubling and halving • Relationship between doubling and halving 	<ul style="list-style-type: none"> • Days of the week, seasons • Sequence daily events 	<ul style="list-style-type: none"> • Estimate, order compare, discuss and explore capacity, weight and lengths 	<ul style="list-style-type: none"> • Describe and sort 2-D and 3-D shapes • Recognise, complete and create patterns 	<ul style="list-style-type: none"> • Describe, and sort 3- D shapes • Describe position accurately 		
Summer	Securing addition and subtraction facts	Number patterns within 20		Number patterns beyond 20		Money	Measures		Exploration of patterns within number			
	<ul style="list-style-type: none"> • Commutativity • Explore addition and subtraction • Compare two amounts 	<ul style="list-style-type: none"> • Count up to 10 and beyond with objects • Represent, compare and explore numbers to 20 • One more or fewer 		<ul style="list-style-type: none"> • One more one less • Estimate and count • Grouping and sharing 		<ul style="list-style-type: none"> • Coin recognition and values • Combinations to total 20p • Change from 10p 	<ul style="list-style-type: none"> • Describe capacities • Compare volumes • Compare weights • Estimate, compare and order lengths 		<ul style="list-style-type: none"> • Explore numbers and strategies • Recognise and extend patterns • Apply number, shape and measures knowledge • Count forwards and backwards 			





Mathematics Curriculum Map: Year 1

Mastery

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
Autumn	Numbers to 10		Addition and subtraction within 10		Numbers to 20		Addition and subtraction within 20		Exploring calculation strategies within 20	Fractions
	<ul style="list-style-type: none"> • Represent, compare and explore numbers within 10 • One more and one less • Doubling and halving 		<ul style="list-style-type: none"> • Represent and explain addition and subtraction • Commutativity • Addition and subtraction facts 		<ul style="list-style-type: none"> • Identify, represent, compare and order numbers to 20 • Doubling and halving • One more and one less 		<ul style="list-style-type: none"> • Represent and explain addition and subtraction strategies including 'Make Ten' • Use known facts to add and subtract 		<ul style="list-style-type: none"> • Model, explain and choose addition and subtraction strategies 	<ul style="list-style-type: none"> • Identify $\frac{1}{2}$ and $\frac{1}{4}$ of a shape or object • Find $\frac{1}{2}$ and $\frac{1}{4}$ of a quantity
Spring	Addition and subtraction within 20		Numbers to 50		Shape and patterns		Time		Measures: Length and mass	
	<ul style="list-style-type: none"> • Illustrate, explain and link addition and subtraction with equations • Apply 'Make Ten' strategy • Use language to quantify and compare difference 		<ul style="list-style-type: none"> • 2-digit numbers – represent, sequence, explore, compare. • Count in 2s, 5s and 10s • Describe and complete number patterns 		<ul style="list-style-type: none"> • Identify, describe, sort and classify 2-D and 3-D shapes • Investigate repeating patterns Use and follow instructional and positional language 		<ul style="list-style-type: none"> • Read, write and tell the time to o'clock and half past on analogue clock • Sequencing daily activities Whole and half turns linked to time 		<ul style="list-style-type: none"> • Compare and measure lengths and mass using cm and kg • Doubling and halving 	
Summer	Numbers 50 to 100 and beyond		Addition and subtraction		Money		Multiplication and division		Measures: Capacity and volume	
	<ul style="list-style-type: none"> • Read, write, represent, compare and order numbers to 100 • One more / fewer, ten more / fewer • Identify number patterns 		<ul style="list-style-type: none"> • Explore addition and subtraction involving 2-digit numbers and ones • Represent and explain addition and subtraction with regrouping • Investigate number bonds within 20 		<ul style="list-style-type: none"> • Name coins and notes and their value • Represent the same value using different coins • Find change 		<ul style="list-style-type: none"> • Explore arrays understand • Share equally into groups • Doubling • Link halving to fractions 		<ul style="list-style-type: none"> • Compare capacities, volumes and lengths • Explore litres • Apply understanding of fractions to capacity 	



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Mathematics Curriculum Map: Year 2

Mastery

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Numbers within 100		Addition and subtraction of 2-digit numbers		Addition and subtraction word problems		Multiplication and division			Fractions		Graphs
	<ul style="list-style-type: none"> Read, write, represent, partition, compare and order numbers to 100 Explore patterns including, odds and evens, tens and ones 	<ul style="list-style-type: none"> Apply number bonds to add and subtract Represent and explain addition and subtraction of two 2-digit numbers. Add three 1-digit numbers 	<ul style="list-style-type: none"> Introduction to bar models as a representation Create, label and sketch bar models 	<ul style="list-style-type: none"> Explore multiplication and division through arrays Explore division as grouping and as sharing Connect multiplication and division facts using commutativity and inverse Calculate the times tables of 2, 5, and 10 using different strategies 	<ul style="list-style-type: none"> Part-whole relationships Fractions as part of a whole or a whole set Relate to division Equivalent fractions 	<ul style="list-style-type: none"> Represent and interpret: pictograms, block diagrams, tables and tally charts. 						

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
Spring	Addition and subtraction of 2-digit numbers		Time		Measures: Length		Money		Face, shapes and patterns; lines and turns		
	<ul style="list-style-type: none"> Illustrate, represent and explain addition and subtraction involving regrouping including 'Make Ten', 'Round and adjust' and near doubles strategies 	<ul style="list-style-type: none"> Tell the time on an analogue clock: quarter past, quarter to and five minute intervals Calculate durations of time in minutes and seconds Sequence daily events Minutes in an hour and hours in a day 	<ul style="list-style-type: none"> Draw and measure lengths in centimetres Use <, > and = to compare and order lengths in metres and centimetres 	<ul style="list-style-type: none"> Recognise coins and notes Use £ and p accurately Add and subtract amounts Calculate change 	<ul style="list-style-type: none"> Explore, sort and describe 2-D shapes Lines of symmetry in 2-D shapes Identify 2-D shapes on 3-D shapes Compare and sort 2-D and 3-D shapes Use language to describe position, direction and rotation to follow a route 						

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Summer	Numbers within 1000	Exploring calculation strategies		Exploring multiplicative thinking		Measures: Capacity and volume		Measures: Mass
	<ul style="list-style-type: none"> Represent in different ways Compare using symbols Read scales 	<ul style="list-style-type: none"> Apply addition and subtraction strategies to solve equations Illustrate and explain addition and subtraction using column method 	<ul style="list-style-type: none"> Pattern seek with multiples of 2, 3, 4 5 and 10 using an array Use known facts to derive facts from the 3 and 4 times tables. Connect multiplication and division facts using commutativity and inverse 	<ul style="list-style-type: none"> Read and measure temperature Estimate, measure and understand litres and millilitres Compare and order capacities 	<ul style="list-style-type: none"> Weigh and compare masses in kilograms and grams 			



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Mathematics Curriculum Map: Year 3 Mastery

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
Autumn	Number sense and exploring calculation strategies			Place value		Addition and subtraction		Multiplication and division		Graphs	
	<ul style="list-style-type: none"> Read, write, order and compare numbers to 100 Calculate mentally using known facts, round and adjust, near doubles, adding on to find the difference Derive new facts from a known fact 			<ul style="list-style-type: none"> Read, write, represent, partition, order and compare 3-digit numbers Find 10 and 100 more or less Round to the nearest multiple of 10 and 100 		<ul style="list-style-type: none"> Develop and use a range of mental calculation strategies Illustrate and explain formal written methods – column method 		<ul style="list-style-type: none"> Understanding multiplicative relationships: commutativity and inverse Exploring multiplication and division facts for 2, 3, 4, 5, 6, 8 and 10 		<ul style="list-style-type: none"> Collect, interpret and present data using charts and tables 	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
Spring	Calculating with multiplication and division			Fractions			Time		Length and perimeter	
	<ul style="list-style-type: none"> Multiply and divide by 10 Multiply a 2-digit number by a 1-digit number Divide 2-digit by a 1-digit Correspondence problems 			<ul style="list-style-type: none"> Part-whole relationships Fractions as part of a whole or a whole set and as a number Add, subtract, compare and order fractions 			<ul style="list-style-type: none"> Tell, record, write and order the time analogue and digital 12-hour, a.m., p.m. Measure, calculate and compare durations 		<ul style="list-style-type: none"> Measure, draw and compare lengths Add and subtract lengths Calculate perimeter 	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Summer	Applying multiplicative thinking			Exploring calculation strategies and place value			Measures		
	<ul style="list-style-type: none"> Representing multiplication and division problems Solve a one- step problem 			<ul style="list-style-type: none"> Add and subtract mentally Find 10, 100 and 1000 more or less Order and compare beyond 1000 Round numbers 			<ul style="list-style-type: none"> Read scales with different intervals when measuring mass and volume Weigh and compare masses and capacities with mixed units Estimate mass and capacity 		



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Mathematics Curriculum Map: Year 4 Mastery

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
Autumn	Reasoning with large numbers		Addition and subtraction			Multiplication and division				Calculating with multiplication and division	Time
	<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"> • Identify and explore patterns in multiplication tables including 7 and 9 • Distributive property including multiplying three 1-digit numbers • Mental multiplication and division strategies using place value and known and derived facts • Short multiplication 				<ul style="list-style-type: none"> • Division using partitioning • Short division 	<ul style="list-style-type: none"> • Analogue to digital, 12-hour and 24-hour • Convert between units of time

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
Spring	Fractions				Decimals			Area and perimeter		Discrete and continuous data	
	<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"> • 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 		<ul style="list-style-type: none"> • Read, interpret and construct pictograms, bar charts and time graphs • Compare tables, pictograms and bar charts 	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
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



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Mathematics Curriculum Map: Year 5

Mastery

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
Autumn	Reasoning with large whole integers		Integer addition and subtraction		Multiplication and division			Fractions and decimals		
	<ul style="list-style-type: none"> • Read, write, order and compare numbers up to one million • Round numbers within one million to the nearest multiple of powers of ten • Read Roman numerals up to M 	<ul style="list-style-type: none"> • Use rounding to estimate • Use a range of mental calculation strategies to add and subtract integers • Illustrate and explain the written method of column addition and subtraction • Select efficient calculation strategies 	<ul style="list-style-type: none"> • Identify multiples and factors • Investigate prime numbers • Multiply and divide by 10, 100 and 1000 (integers) • Multiply and divide using derived facts • Use written methods to multiply and divide • Use a range of mental calculation strategies 	<ul style="list-style-type: none"> • Read, write, order and compare decimals • Round decimals to the nearest whole number • Represent, identify, name, write, order and compare fractions (including improper and mixed numbers) • Calculate fractions of amounts 						
Spring	Fractions and percentages		Angles		Perimeter and area		Transformations		Line graphs and timetables	
	<ul style="list-style-type: none"> • Add, subtract fractions with denominators that are multiples of the same number • Multiply fractions (and mixed numbers) by a whole number • Explore percentage, decimal, fractions equivalence 	<ul style="list-style-type: none"> • Classify, compare and order angles • Measure and draw angles with a protractor • Understand and use angle facts to calculate missing angles 	<ul style="list-style-type: none"> • Investigate area and perimeter of rectilinear shapes • Estimate area of non-rectilinear shapes 	<ul style="list-style-type: none"> • Coordinates in all four quadrants • Translation and reflection • Calculate intervals across zero as a context for negative numbers 	<ul style="list-style-type: none"> • Complete, read and interpret data presented in line graphs • Read and interpret timetables including calculating intervals 					
Summer	Calculating with whole numbers and decimals		Converting units of measure		2-D and 3-D shape		Volume		Problem solving	
	<ul style="list-style-type: none"> • Mental strategies to add and subtract involving decimals • Formal written strategies to add, subtract and multiply involving decimals • Multiply and divide decimal numbers by ten, 100 and 1,000 • Derive addition, subtraction and multiplication facts involving decimals 	<ul style="list-style-type: none"> • Convert between metric units of length, mass and capacity and units of time • Know and use approximate conversion between imperial and metric 	<ul style="list-style-type: none"> • Classify 2-D shapes and reason about regular and irregular polygons • Properties of diagonals of quadrilaterals • Classify 3-D shapes • 2-D representations of 3-D shapes. 	<ul style="list-style-type: none"> • Use cube numbers and notation • Estimate volume • Convert units of volume 	<ul style="list-style-type: none"> • Negative numbers and calculating intervals across zero • Calculating the mean • Interpret remainders • Investigate numbers: consecutive, palindromic, multiples 					



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Mathematics Curriculum Map: Year 6

Mastery

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
Autumn	Integers and decimals		Revision +/-	Multiplication and division			Fractions and decimals			Percentages (with fraction and decimal equivalence)		Calculation problems	
	<ul style="list-style-type: none"> Represent, read, write, order and compare numbers up to ten million Round numbers, make estimates and use this to solve problems in context Solve multi-step problems 			<ul style="list-style-type: none"> Identify and use properties of number, focusing on primes Multiply larger integers and decimal numbers Divide integers by 1-digit and 2-digit numbers representing remainders appropriately 			<ul style="list-style-type: none"> Deepen understanding of equivalence Order, simplify and compare fractions, including those greater than one Recall equivalence between common fractions and decimals Find decimal quotients using short division Add and subtract fractions Represent multiplication involving fractions Multiply two proper fractions Divide a fraction by an integer 			<ul style="list-style-type: none"> Calculate and compare percentages of amounts Connect percentages with fractions Explore the equivalence 		<ul style="list-style-type: none"> Use of brackets Use knowledge of the order of operations to carry out calculations Generate and describe linear number sequences Express missing number problems algebraically Solve equations with unknown values 	
Spring	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11		
	Decimals and measures			Missing angles and length		Co-ordinates and shapes		Statistics		Proportion problems		Revision and consolidation	
<ul style="list-style-type: none"> Use, read, write and convert between standard units of measures; length, mass, time, money and volume as well as imperial units Calculate the area of parallelograms and triangles Calculate, estimate and compare the volume of cuboids 			<ul style="list-style-type: none"> Compare and classify a range of geometric shapes Use angle facts to find unknown angles 		<ul style="list-style-type: none"> Draw a range of geometric shapes using given dimensions and angles Describe, draw, translate and reflect shapes on a co-ordinate plane Recognise and construct 3-D shapes Name parts of a circle 		<ul style="list-style-type: none"> Calculate the mean Construct and interpret lines graphs and pie charts Compare pie charts 		<ul style="list-style-type: none"> Use fractions to express proportion Identify ratio as a relationship between quantities and as a scale factor Unequal sharing involving ratio 				
Summer	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
	Revision and consolidation time				Post SATs units of work (coming 2025-26)								



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