



Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Algebra					
					Unit 15 'Area, perimeter, position and direction.' Unit 22 'Calculating using knowledge of equivalence in addition and subtraction.' Unit 23 'Solving problems with two unknowns.' Unit 24 'Order of operations'.
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Geometry and Measure					
Unit 5, 'Comparing quantities - part whole relationships' • Unit 7, 'Recognise, compose, decompose and manipulate 2D and 3D shapes'	Unit 2, 'Counting and representing the numbers 20 to 99' • Unit 12, 'Shape: discuss and compare 2D and 3D shapes'	Unit 3 Measuring length and recording in tables' • Unit 5, 'Representing 3-digit numbers, comparing and positioning on number lines'	Unit 3 Calculation and conversion of measures Unit 6 Perimeter Unit 15 Coordinates Unit 19 Addition and subtraction of fractions	Unit 4, 'Use knowledge of decimals to solve problems in different contexts: length' • Unit 5, 'Negative numbers'	Unit 8 'Draw, compose and decompose shapes.' Unit 11 'Area, perimeter, position and direction.' Unit 16 'Statistics'



<ul style="list-style-type: none"> Unit 13, 'Numbers 0 to 20 in different contexts' Unit 14, 'Unitising and coin recognition - counting in 2s, 5s and 10s' Unit 15, 'Unitising and coin recognition - value of a set of coins' Unit 16, 'Solving problems in a range of contexts' Unit 17, 'Position and direction including fractions of turns' Unit 18, 'Time - sequencing events and telling the time to the hour and half hour' 	<ul style="list-style-type: none"> Unit 14, 'Money: recognise coins and use £ and p symbols' Unit 15, 'Fractions: identify equal parts and be familiar with halves, thirds and quarters' Unit 16, 'Time: write and tell the time to five minutes' Unit 17, 'Position and direction' Unit 19, 'Sense of measure - capacity, volume and mass' 	<ul style="list-style-type: none"> Unit 6, 'Measures: mass and capacity' Unit 7, 'Right angles' Unit 19, 'Parallel and perpendicular sides in polygons (and perimeter)' Unit 20, 'Tell the time to the nearest minute and compare units of time' 	<p>and mixed numbers (within a whole)</p> <p>Unit 22 Properties of 2D and 3D shapes and symmetry</p> <p>Unit 23, 'Money: apply efficient strategies when calculating with money'</p> <p>Unit 24, 'Time: Convert between 12 and 24 hour clocks: analogue and digital'</p>	<ul style="list-style-type: none"> Unit 9, 'Understand the concept of area' Unit 10, 'Link area of rectangles to multiplication' Unit 13, 'Understand the concept of volume' Unit 14, 'Multiply 3 or more numbers (commutative Unit 21, 'Converting units' Unit 22, 'Angles: compare, name, estimate and measure angles' 	<p>Unit 17 'Ratio and proportion'</p>
Number					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6



<ul style="list-style-type: none"> Unit 1, 'Counting, recognising and comparing numbers 0 - 10' Unit 2, 'Counting to and from 20' Unit 3, 'Counting in tens - decade numbers' Unit 4, 'Pattern in counting from 20 to 100' Unit 5, 'Comparing quantities - part whole relationships' Unit 6, 'Composition of numbers 0 to 5' Unit 8, 'Composition of numbers 6 to 10' Unit 9, 'Additive structures: addition' 	<ul style="list-style-type: none"> Unit 1, 'Composition of multiples of 10' Unit 2, 'Counting and representing the numbers 20 to 99' Unit 3, 'Comparing, ordering and partitioning 2-digit numbers' Unit 4, 'Secure fluency of addition and subtraction facts within 10' Unit 5, 'Calculating within 20' Unit 6, 'Adding and subtracting ones and tens to and from 2-digit numbers' Unit 7, 'Grouping objects in different ways and relating to multiplication' 	<ul style="list-style-type: none"> Unit 1, 'Review strategies for adding and subtracting across 10' Unit 2, 'Securing place value to 100 and applying to addition and subtraction' Unit 3, 'Bridging 100: counting on and back in 10s, adding/subtracting multiples of 10' Unit 4, 'Measuring length and recording in tables' Unit 5, 'Representing 3-digit numbers, comparing and positioning on number lines' Unit 6, 'Measures: mass and capacity' Unit 8, 'Informal and mental strategies for 	<ul style="list-style-type: none"> Unit 1, 'Review of column addition and subtraction' Unit 2, 'Secure place value to 1000: apply to addition and subtraction: multiples of 100' Unit 3, 'Calculation and conversion of measures' Unit 4, 'Comparing, ordering and rounding 4-digit numbers' Unit 5, 'Column addition and subtraction with 4-digit numbers' Unit 7, 'Represent counting in threes and sixes as the 3 and 6 times tables' 	<ul style="list-style-type: none"> Unit 1, 'Understand tenths as part of a whole, represent and calculate mentally' Unit 2, 'Compose and calculate with decimals including column addition and subtraction' Unit 3, 'Understand hundredths as parts of a whole and represent' Unit 7, 'Negative numbers' Unit 8, 'Multiplication by partitioning leading to short multiplication (2 by 1-digit)' Unit 9, 'Multiplication by partitioning leading to short multiplication (3 by 1-digit)' 	<ul style="list-style-type: none"> Unit 1 'Use knowledge of part-part-whole structure to solve additive problems.' Unit 2 'Use equivalence and compensation to simplify and solve addition calculations.' Unit 3 'Use equivalence and compensation to simplify and solve subtraction calculations.' Unit 6 'Multiples of 1000.' Unit 7 'Understanding place value within numbers up to 7 digits' Unit 10 'Rounding and solving problems' Unit 13 'Multiplying and dividing by 2 digit numbers' Unit 16 'Addition and subtraction of
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<ul style="list-style-type: none"> Unit 10, 'Additive structures: addition and subtraction' Unit 11, 'Addition and subtraction facts within 10' Unit 12, 'Composition of numbers 11 to 19' Unit 13, 'Numbers 0 to 20 in different contexts' Unit 14, 'Unitising and coin recognition - counting in 2s, 5s and 10s' Unit 15, 'Unitising and coin recognition - value of a set of coins' Unit 16, 'Solving problems in a range of contexts' 	<ul style="list-style-type: none"> Unit 8, 'Representing counting in 2s, 5s and 10s as the 2, 5 and 10 times tables' Unit 9, 'Representing counting in 5s as the 5 times table and link to the 10 times tables' Unit 10, 'Multiplying by 2, doubling and halving (factors and products)' Unit 11, 'Introduction to division structures' Unit 13, 'Addition and subtraction of two 2-digit numbers' Unit 15, 'Fractions: identify equal parts and be familiar with halves, thirds and quarters' 	<p>adding and subtracting two 3-digit numbers'</p> <ul style="list-style-type: none"> Unit 9, 'Understand additive relationships and apply them to rearrange equations' Unit 10, 'Column addition' Unit 11, '2, 4 and 8 times tables: using times tables to solve problems' Unit 12, 'Column subtraction' Unit 13, 'Unit fractions as part of a whole' Unit 14, 'Identify parts and wholes in different contexts' Unit 15, 'Compare and order unit fractions' 	<ul style="list-style-type: none"> Unit 8, 'Relationship between the 3 and 6 times tables and tests of divisibility' Unit 9, 'Represent counting in nines as the 9 times table' Unit 10, 'Relationship between the 3 and 9 times tables' Unit 11, '7 times table: odd and even patterns, square numbers and tests of divisibility' Unit 12, 'Understand and represent multiplicative structures' Unit 13, 'Apply the distributive law to multiplication' 	<ul style="list-style-type: none"> Unit 10, 'Division by partitioning leading to short division (2 and 3-digits by 1-digit)' Unit 17, 'Calculating with decimal fractions' Unit 19, 'Multiply 3 or more numbers (commutative and associative laws)' Unit 20, 'Understand and use the concept of factorisation (square and prime numbers)' Unit 21, 'Use common factors and multiples to solve calculations efficiently' Unit 22, 'Multiply a proper fraction by a whole number' 	<ul style="list-style-type: none"> Unit 17 'Comparing fractions.' Unit 18 'Multiplication and division of fractions.' Unit 19 'Understanding percentages.' Unit 22 'Calculating using knowledge of equivalence in addition and subtraction.' Unit 24 'Order of operations.'
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	<ul style="list-style-type: none"> Unit 18, 'Doubling, halving, quotative and partitive division' 	<ul style="list-style-type: none"> Unit 16, 'Calculate the value of a part (fractions as operators)' Unit 17, 'Non-unit fractions' Unit 18, 'Composition of non-unit fractions: addition and subtraction' Unit 20, 'Tell the time to the nearest minute and compare units of time' 	<ul style="list-style-type: none"> Unit 14, 'Understand what happens when a number is multiplied or divided by 10 and 100' Unit 16, 'Review of fractions' Unit 17, 'Composition of fractions greater than one' Unit 18, 'Compare and order mixed numbers and position on a number line' Unit 19, 'Addition and subtraction of fractions and mixed numbers (within a whole)' Unit 20, 'Convert improper fractions to mixed numbers and vice versa' 	<ul style="list-style-type: none"> Unit 23, 'Multiply improper fractions and mixed numbers by a whole number' Unit 24, 'Find unit and non-unit fractions of whole numbers exploring parts and wholes' Unit 26, 'Comparing fractions using equivalence and decimals' 	
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			<ul style="list-style-type: none">• Unit 21, 'Efficient strategies for adding and subtracting mixed numbers (crossing a whole)'• Unit 25, 'Division with remainders'		
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Addition and Subtraction					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<ul style="list-style-type: none"> Unit 6, 'Composition of numbers 0 to 5' Unit 8, 'Composition of numbers 6 to 10' Unit 9, 'Additive structures: addition' Unit 10, 'Additive structures: addition and subtraction' Unit 11, 'Addition and subtraction facts within 10' Unit 13, 'Numbers 0 to 20 in different contexts' Unit 15, 'Unitising and coin recognition - value of a set of coins' 	<ul style="list-style-type: none"> Unit 4, 'Secure fluency of addition and subtraction facts within 10' Unit 5, 'Calculating within 20' Unit 6, 'Adding and subtracting ones and tens to and from 2-digit numbers' Unit 13, 'Addition and subtraction of two 2-digit numbers' Unit 14, 'Money: recognise coins and use £ and p symbols' Unit 19, 'Sense of measure - capacity, volume and mass' 	<ul style="list-style-type: none"> Unit 1, 'Review strategies for adding and subtracting across 10' Unit 2, 'Securing place value to 100 and applying to addition and subtraction' Unit 3, 'Bridging 100: counting on and back in 10s, adding/subtracting multiples of 10' Unit 5, 'Representing 3-digit numbers, comparing and positioning on number lines' Unit 6, 'Measures: mass and capacity' 	<ul style="list-style-type: none"> Unit 1, 'Review of column addition and subtraction' Unit 2, 'Secure place value to 1000: apply to addition and subtraction: multiples of 100' Unit 3, 'Calculation and conversion of measures' Unit 5, 'Column addition and subtraction with 4-digit numbers' Unit 6, 'Perimeter' 	<ul style="list-style-type: none"> Unit 2, 'Compose and calculate with decimals including column addition and subtraction' Unit 6, 'Money: apply efficient strategies when calculating with money' 	<ul style="list-style-type: none"> Unit 1 'Use knowledge of part-part-whole structure to solve additive problems.' Unit 2 'Use equivalence and compensation to simplify and solve addition calculations.' Unit 3 'Use equivalence and compensation to simplify and solve subtraction calculations.' Unit 7 'Understanding place value within numbers up to 7 digits' Unit 8 'Order, compare and calculate with numbers up to 8 digits.' Unit 10 'Rounding and solving problems' Unit 12 'Using equivalence to



<ul style="list-style-type: none"> Unit 16, 'Solving problems in a range of contexts' 		<ul style="list-style-type: none"> Unit 8, 'Informal and mental strategies for adding and subtracting two 3-digit numbers' Unit 9, 'Understand additive relationships and apply them to rearrange equations' Unit 10, 'Column addition' Unit 12, 'Column subtraction' Unit 18, 'Composition of non-unit fractions: addition and subtraction' Unit 19, 'Parallel and perpendicular sides in polygons (and perimeter)' Unit 20, 'Tell the time to the nearest minute and compare units of time' 			<ul style="list-style-type: none"> calculate.' Unit 13 'Multiplying and dividing by 2 digit numbers' Unit 16 ' Addition and subtraction of fractions.' Unit 20 'Statistics' Unit 22 'Calculating using knowledge of equivalence in addition and subtraction.' Unit 23 'Solving problems with two unknowns'. Unit 24 'Order of operations.' Unit 25 'Mean average.'
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Fractions- number					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<ul style="list-style-type: none"> Unit 16, 'Solving problems in a range of contexts' Unit 17, 'Position and direction including fractions of turns' 	<ul style="list-style-type: none"> Unit 10, 'Multiplying by 2, doubling and halving (factors and products)' Unit 15, 'Fractions: identify equal parts and be familiar with halves, thirds and quarters' Unit 16, 'Time: write and tell the time to five minutes' Unit 18, 'Doubling, halving, quotative and partitive division' 	<ul style="list-style-type: none"> Unit 13, 'Unit fractions as part of a whole' Unit 14, 'Identify parts and wholes in different contexts' Unit 15, 'Compare and order unit fractions' Unit 16, 'Calculate the value of a part (fractions as operators)' Unit 17, 'Non-unit fractions' Unit 18, 'Composition of non-unit fractions: addition and subtraction' 	<ul style="list-style-type: none"> Unit 14, 'Understand what happens when a number is multiplied or divided by 10 and 100' Unit 16, 'Review of fractions' Unit 17, 'Composition of fractions greater than one' Unit 18, 'Compare and order mixed numbers and position on a number line' Unit 19, 'Addition and subtraction of fractions and mixed numbers (within a whole)' 	<ul style="list-style-type: none"> Unit 1, 'Understand tenths as part of a whole, represent and calculate mentally' Unit 3, 'Understand hundredths as parts of a whole and represent' Unit 6, 'Money: apply efficient strategies when calculating with money' Unit 17, 'Calculating with decimal fractions' Unit 22, 'Multiply a proper fraction by a whole number' Unit 23, 'Multiply improper fractions and mixed numbers by a whole number' 	<ul style="list-style-type: none"> Unit 16 'Addition and subtraction of fractions.' Unit 17 'Comparing fractions.' Unit 18 'Multiplication and division of fractions.' Unit 19 'Understanding percentages'.



			<ul style="list-style-type: none"> Unit 20, 'Convert improper fractions to mixed numbers and vice versa' Unit 21, 'Efficient strategies for adding and subtracting mixed numbers (crossing a whole)' 	<ul style="list-style-type: none"> Unit 24, 'Find unit and non-unit fractions of whole numbers exploring parts and wholes' Unit 26, 'Comparing fractions using equivalence and decimals' 	
Multiplication and division					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<ul style="list-style-type: none"> Unit 14, 'Unitising and coin recognition - counting in 2s, 5s and 10s' Unit 16, 'Solving problems in a range of contexts' 	<ul style="list-style-type: none"> Unit 7, 'Grouping objects in different ways and relating to multiplication' Unit 8, 'Representing counting in 2s, 5s and 10s as the 2, 5 and 10 times tables' Unit 9, 'Representing counting in 5s as the 5 times' 	<ul style="list-style-type: none"> Unit 11, '2, 4 and 8 times tables: using times tables to solve problems' Unit 16, 'Calculate the value of a part (fractions as operators)' Unit 20, 'Tell the time to the nearest minute and compare units of time' 	<ul style="list-style-type: none"> Unit 3, 'Calculation and conversion of measures' Unit 7, 'Represent counting in threes and sixes as the 3 and 6 times tables' Unit 8, 'Relationship between the 3 and 6 times tables and tests of divisibility' 	<ul style="list-style-type: none"> Unit 4, 'Use knowledge of decimals to solve problems in different contexts: length' Unit 6, 'Money: apply efficient strategies when calculating with money' Unit 8, 'Multiplication by partitioning leading to 	<ul style="list-style-type: none"> Unit 7 'Understanding place value within numbers up to 7 digits' Unit 8 'Order, compare and calculate with numbers up to 8 digits.' Unit 10 ' Rounding and solving problems' Unit 12 'Using equivalence to calculate.' Unit 13 'Multiplying and



	<p>table and link to the 10 times tables'</p> <ul style="list-style-type: none"> Unit 11, 'Introduction to division structures' Unit 18, 'Doubling, halving, quotative and partitive division' 		<ul style="list-style-type: none"> Unit 9, 'Represent counting in nines as the 9 times table' Unit 10, 'Relationship between the 3 and 9 times tables' Unit 11, '7 times table: odd and even patterns, square numbers and tests of divisibility' Unit 12, 'Understand and represent multiplicative structures' Unit 13, 'Apply the distributive law to multiplication' Unit 13, 'Apply the distributive law to multiplication' Unit 24, 'Division with remainders' 	<p>short multiplication (2 by 1-digit)'</p> <ul style="list-style-type: none"> Unit 9, 'Multiplication by partitioning leading to short multiplication (3 by 1-digit)' Unit 10, 'Division by partitioning leading to short division (2 and 3-digits by 1-digit)' Unit 13, 'Understand the concept of area' Unit 14, 'Link area of rectangles to multiplication' Unit 16, 'Compare and describe measurements using knowledge of multiplication and division' 	<p>dividing by 2 digit numbers'</p> <p>Unit 18 'Multiplication and division of fractions.'</p> <p>Unit 19 'Understanding percentages'.</p> <p>Unit 20 'Statistics'</p> <p>Unit 21 'Ratio and proportion'</p> <p>Unit 23 'Solving problems with two unknowns'</p> <p>Unit 24 'Order of operations'</p> <p>Unit 25 'Mean average'</p>
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				<ul style="list-style-type: none"> · Unit 17, 'Calculating with decimal fractions' · Unit 18, 'Understand the concept of volume' · Unit 19, 'Multiply 3 or more numbers (commutative and associative laws)' · Unit 20, 'Understand and use the concept of factorisation (square and prime numbers)' · Unit 21, 'Use common factors and multiples to solve calculations efficiently' · Unit 26, 'Comparing fractions using equivalence and decimals' · Unit 27, 'Converting units' 	
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Number- Place Value					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<ul style="list-style-type: none"> Unit 1, 'Counting, recognising and comparing numbers 0 - 10' Unit 2, 'Counting to and from 20' Unit 3, 'Counting in tens - decade numbers' Unit 4, 'Pattern in counting from 20 to 100' Unit 12, 'Composition of numbers 11 to 19' 	<ul style="list-style-type: none"> Unit 1, 'Composition of multiples of 10' Unit 2, 'Counting and representing the numbers 20 to 99' Unit 3, 'Comparing, ordering and partitioning 2-digit numbers' Unit 13, 'Addition and subtraction of two 2-digit numbers' Unit 14, 'Money: recognise coins and use £ and p symbols' 	<ul style="list-style-type: none"> Unit 2, 'Securing place value to 100 and applying to addition and subtraction' Unit 3, 'Bridging 100: counting on and back in 10s, adding/subtracting multiples of 10' Unit 4, 'Measuring length and recording in tables' Unit 5, 'Representing 3-digit numbers, comparing and positioning on number lines' Unit 6, 'Measures: mass and capacity' Unit 11, '2, 4 and 8 times tables: using 	<ul style="list-style-type: none"> Unit 1, 'Review of column addition and subtraction' Unit 2, 'Secure place value to 1000: apply to addition and subtraction: multiples of 100' Unit 4, 'Comparing, ordering and rounding 4-digit numbers' Unit 5, 'Column addition and subtraction with 4-digit numbers' Unit 7, 'Represent counting in threes and sixes as the 3 and 6 times tables' Unit 8, 'Relationship between the 3 and 6 	<ul style="list-style-type: none"> Unit 1, 'Understand tenths as part of a whole, represent and calculate mentally' Unit 2, 'Compose and calculate with decimals including column addition and subtraction' Unit 3, 'Understand hundredths as parts of a whole and represent' Unit 4, 'Use knowledge of decimals to solve problems in different contexts: length' Unit 7, 'Negative numbers' Unit 8, 'Multiplication by 	<ul style="list-style-type: none"> Unit 6 'Multiples of 1000' Unit 7 'Understand place value within numbers up to 7 digits' Unit 10 'Rounding and solving problems with numbers up to 7 digits' Unit 13 'Multiplying and dividing two-digit numbers'



		times tables to solve problems'	times tables and tests of divisibility' <ul style="list-style-type: none"> · Unit 10, 'Relationship between the 3 and 9 times tables' · Unit 11, '7 times table: odd and even patterns, square numbers and tests of divisibility' · Unit 14, 'Understand what happens when a number is multiplied or divided by 10 and 100' · Unit 15, 'Coordinates' 	partitioning leading to short multiplication (2 by 1-digit)' <ul style="list-style-type: none"> · Unit 9, 'Multiplication by partitioning leading to short multiplication (3 by 1-digit)' · Unit 10, 'Division by partitioning leading to short division (2 and 3-digits by 1-digit)' Unit 27, 'Converting units'	
Probability					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6



					<ul style="list-style-type: none"> · Unit 11, 'Draw, compose and decompose shapes' · Unit 15, 'Area, perimeter, position and direction' · Unit 21, 'Ratio and proportion'
Ratio and proportion					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		<ul style="list-style-type: none"> · Unit 2, 'Securing place value to 100 and applying to addition and subtraction' · Unit 3, 'Bridging 100: counting on and back in 10s, adding/subtracting multiples of 10' · Unit 8, 'Informal and mental strategies for 			Unit 19 'Understanding percentages' Unit 21 'Ratio and proportion'



		<p>adding and subtracting two 3-digit numbers'</p> <ul style="list-style-type: none"> Unit 9, 'Understand additive relationships and apply them to rearrange equations' Unit 10, 'Column addition' Unit 12, 'Column subtraction' 			
Statistics					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		<ul style="list-style-type: none"> Unit 4, 'Measuring length and recording in tables' Unit 5, 'Representing 3-digit numbers, comparing and positioning on number lines' Unit 10, 'Column addition' 	<ul style="list-style-type: none"> Unit 1, 'Review of column addition and subtraction' Unit 2, 'Secure place value to 1000: apply to addition and subtraction: multiples of 100' Unit 4, 'Comparing, ordering and rounding 4-digit 	<ul style="list-style-type: none"> Unit 1, 'Understand tenths as part of a whole, represent and calculate mentally' Unit 2, 'Compose and calculate with decimals including column addition and subtraction' 	<p>Unit 6 'Multiples of 1000'</p> <p>Unit 20 'Statistics'</p> <p>Unit 25 'Mean average'</p>



		<ul style="list-style-type: none"> Unit 11, '2, 4 and 8 times tables: using times tables to solve problems' Unit 12, 'Column subtraction' 	<p>numbers'</p> <ul style="list-style-type: none"> Unit 19, 'Addition and subtraction of fractions and mixed numbers (within a whole)' 	<ul style="list-style-type: none"> Unit 3, 'Understand hundredths as parts of a whole and represent' Unit 7, 'Negative numbers' 	
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