

KS2 Maths Curriculum Map

	Year 3	Year 4	Year 5	Year 6
Autumn 1	<p>Number Counting Place value and partitioning Compare and order</p> <p>Addition and Subtraction Mental addition and subtraction of two digit numbers Number pairs</p> <p>Measures Standard units - mass Sensible estimates Reading scales-marked divisions</p> <p>Multiplication & Division Times table facts Multiply a teens by a single digit Scaling</p> <p>Measures - Time Time conventions Read the time to five minutes Analogue , digital, Roman</p> <p>Geometry: Properties of Shapes Right angles</p>	<p>Number Count Place value and partitioning Compare and order</p> <p>Addition and Subtraction Mental addition and subtraction Formal columnar addition Formal columnar subtraction</p> <p>Geometry: Properties of Shapes Regular and irregular polygons Properties of triangles</p> <p>Multiplication & Division Multiply and divide by 10, 100 Informal method of multiplication and division</p> <p>Fractions Recognise and represent equivalences</p> <p>Measures - Time Read and write to the nearest minute Time durations</p>	<p>Number Place value Compare and order Reason about number</p> <p>Addition and Subtraction Mental calculation</p> <p>Multiplication and Division Properties of number Mental calculation</p> <p>Geometry - Properties of Shape Angles</p> <p>Fractions Equivalence Mixed number</p> <p>Statistics Timetables</p>	<p>Number Place value Compare and order Rounding</p> <p>Addition, Subtraction, Multiplication and Division Factors and primes Mental and written calculation</p> <p>Ratio and Proportion Know, use and identify scale factors</p> <p>Geometry - Properties of Shape Angles in polygons Draw 2d shapes with equipment</p> <p>Fractions Equivalence Add and subtract proper fractions and mixed numbers</p>

<p>Autumn 2</p>	<p>Number Place value Round to nearest 10 Addition and Subtraction Mental addition and subtraction of two digit numbers Small difference Measures - Money Equivalence Fractions Compare /order unit fractions Equivalence Unit fraction of amounts Statistics Bar charts - scales axis Venn and Carroll diagrams</p>	<p>Number Partition in to multiples of 10 Round to nearest 10, 100, 1000 Addition and Subtraction Measures - money Mental addition and subtraction Formal columnar addition and subtraction Measures Know, use and convert ... Measure and compare volume Reading scales - partially marked Multiplication & Division Factor pairs Formal method of multiplication Informal method of division Fractions Tenths and hundredths Add and subtract fractions beyond one whole Statistics Represent and interpret discrete data</p>	<p>Number Place value Rounding Addition and Subtraction Formal written methods Multiplication and Division Formal written methods Geometry: Properties of Shape Calculate missing angles Fractions and Decimals Read, write, compare and order decimals Rounding Measures Conversions - metric Perimeter</p>	<p>Fractions and Decimals Read, write, compare and order decimals Rounding Addition, Subtraction, Multiplication and Division Formal written methods of multiplication and division Measures Perimeter Area of triangles and parallelograms Geometry: Position and Direction Plot points in all four quadrants Algebra Representing unknowns Expressions Statistics Pie charts</p>
<p>Spring 1</p>	<p>Number Count Place value and partitioning Read and write Addition and Subtraction</p>	<p>Number Negative numbers in context Compare and order negative numbers < > Addition and Subtraction</p>	<p>Number Negative numbers Order and compare Addition and Subtraction Mental calculation</p>	<p>Number Positive and negative numbers Ratio and Proportion Percentages Addition, Subtraction,</p>

	<p>Number pairs Preparing for standard written methods</p> <p>Measures Standard units - length Estimate and measure Perimeter</p> <p>Multiplication & Division Times table facts Multiply a two digit by single digit Divide using known facts</p> <p>Measures - Time Read the time to one minute Analogue and digital A.M. and P.M.</p> <p>Statistics Pictograms - interpret and present Sort sets of mixed data</p>	<p>Mental addition and subtraction Formal columnar addition and subtraction Estimate and use inverse to check</p> <p>Geometry: Properties of Shapes Symmetry in polygons Acute and obtuse angles Compare and order angles</p> <p>Multiplication & Division Key associated vocabulary Formal method of multiplication Informal method of division</p> <p>Fractions Fraction families Equivalence using factors and multiples</p> <p>Measures - Time Read and write 24 hour clock Convert between 12 and 24 hour</p>	<p>Formal written methods Multiplication and Division Factor pairs Mental calculation</p> <p>Fractions Add and subtract Fractions of amounts</p> <p>Geometry - Properties of Shape Diagonal and parallel lines Properties of rectangles</p>	<p>Multiplication and Division Brackets Formal written methods</p> <p>Geometry - Properties of Shape Circle properties and construction Angles on a straight line</p> <p>Fractions Multiply and divide proper fractions</p>
Spring 2	<p>Number Sequences Estimation</p> <p>Addition and Subtraction Number pairs to 100 Formal columnar addition and subtraction</p> <p>Measures - Money Change</p>	<p>Number Count in multiples Roman numerals - optional <i>PV of decimals see fractions</i></p> <p>Addition and Subtraction Measures - money Mental addition and subtraction Find the difference</p>	<p>Number Roman numerals</p> <p>Multiplication and Division Formal written methods</p> <p>Measures Conversions - metric and imperial Area</p> <p>Fractions and Decimals</p>	<p>Fractions and Decimals Decimal place value Mental calculation - decimals</p> <p>Algebra Sequences n^{th} term</p> <p>Addition, Subtraction, Multiplication and Division Formal written methods of</p>

	<p>Money notation</p> <p>Fractions</p> <p>Proper fractions</p> <p>Equivalence</p> <p>Fraction pairs - total one whole</p> <p>Geometry: Properties of Shapes</p> <p>Horizontal, vertical, parallel and perpendicular lines</p> <p>Describe and construct 3-D shapes</p>	<p>Money in context</p> <p>Measures</p> <p>Use standard units - length</p> <p>Estimate, measure and compare</p> <p>Perimeter of rectilinear shapes</p> <p>Fractions and Decimals</p> <p>Decimal equivalence 1/10 , 1/100</p> <p>Place value to 2 decimal places</p> <p>Compare and order</p> <p>Geometry: Direction and Movement</p> <p>Read and plot co-ordinates</p> <p>Statistics</p> <p>Compare and interpret data presented in different ways</p>	<p>Conversion between</p> <p>Equivalence between</p> <p>Geometry: Direction and Movement</p> <p>Reflection</p> <p>Statistics</p> <p>Timetables</p>	<p>multiplication and division</p> <p>Measures</p> <p>Volume</p> <p>Area of compound shapes</p> <p>Geometry: Position and Direction</p> <p>Translation and reflection</p> <p>Statistics</p> <p>Mean</p> <p>Pie charts</p>
Summer 1	<p>Number</p> <p>Compare and order < ></p> <p>Estimate points on a number line</p> <p>Addition and Subtraction</p> <p>Mental: multiples of 10 and 100</p> <p>Formal columnar addition</p> <p>Formal columnar subtraction</p> <p>Measures</p> <p>Standard units - volume</p> <p>Sensible estimates</p> <p>Reading scales-marked divisions</p> <p>Multiplication & Division</p>	<p>Number</p> <p>Consolidate place value</p> <p>Compare and order</p> <p>Half-way between</p> <p>Addition and Subtraction</p> <p>Mental addition and subtraction</p> <p>Apply formal columnar addition and subtraction</p> <p>Estimate and use inverse to check</p> <p>Multiplication & Division</p> <p>Multiply three single digits mentally</p> <p>Formal method of</p>	<p>Number</p> <p>Linear sequences</p> <p>Addition and Subtraction</p> <p>Difference</p> <p>Rounding to check</p> <p>Multiplication and Division</p> <p>Factor pairs</p> <p>Mental calculation</p> <p>Fractions, Decimals, Percentages</p> <p>Percentages</p> <p>Geometry: Properties of Shape</p> <p>3-D / 2-D representations</p> <p>Regular and irregular</p> <p>Angles at a point</p>	<p>Fractions and Decimals</p> <p>Equivalence</p> <p>Calculating with fractions</p> <p>Addition, Subtraction, Multiplication and Division</p> <p>Secure calculation methods</p> <p>Statistics</p> <p>Line graphs</p> <p>Ratio and Proportion</p> <p>Ratio</p> <p>Direct proportion</p> <p>Measures</p> <p>Imperial conversions</p> <p>Volume</p> <p>Algebra</p>

	<p>Times table facts Divide and multiply a two digit by single digit number Measures - Time Read the time fluently - using analogue and digital clocks 24 hour clock Geometry: Properties of Shapes Symmetry Describe and construct 2-D shapes</p>	<p>multiplication Mental division Geometry: Properties of Shapes Symmetry - lines of orientation Symmetric patterns Fractions and Decimals Decimal bonds to 1 Position decimals on a number line Round to whole Measures - Time Use timetables Convert between units of time</p>		<p>Expressing an unknown in problems</p>
Summer 2	<p>Number Half-way between Round to nearest 10 or 100 Addition and Subtraction Secure formal columnar addition and subtraction Estimate and use inverse Difference Measures - Money Rounding to estimate Equivalence Fractions Understand fractions as numbers Understand fractions as division Add and subtract fractions Statistics</p>	<p>Number Extend sequences to involving decimals Addition and Subtraction Measures - money Round and adjust to calculate Find totals with money - mental and written methods Multiplication & Division Know all facts to 12 x 12 Formal method of short division Estimate answers by rounding Geometry: Direction and Movement Understand and describe translations Fractions Recognise equivalence</p>	<p>Number Half-way between Estimation Multiplication and Division Formal written methods Scaling Measures Time conversions Volume Fractions Multiply proper fractions and mixed numbers Statistics Line graphs Geometry: Direction and Movement Translation</p>	<p>Geometry - Properties of Shape Drawing and constructing nets Angles in polygons Addition, Subtraction, Multiplication and Division Solving problems using all four operations Fractions and Decimals Equivalence Calculating with decimals</p>

	Interpret and present data in meaningful ways	between fractions and decimals Explore equivalence Measures Area of rectilinear shapes Measure and compare lengths - decimal notation Statistics Interpret and present continuous data		
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