



**KS1 and KS2 Maths**

## Year 1

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<ul style="list-style-type: none"> <li>•Counting</li> <li>•+/- to 5 or more</li> <li>•Addition totals to 10</li> <li>•Properties of shape</li> <li>•+/- to 10</li> </ul>	<ul style="list-style-type: none"> <li>•Counting &amp; Number order</li> <li>•Place Value, comparing quantities and numbers</li> <li>•Mental Strategies for +</li> <li>•Subtraction as difference</li> <li>•+/- using money</li> </ul>	<ul style="list-style-type: none"> <li>•Counting, reading &amp; writing number patterns</li> <li>•Doubles &amp; near doubles</li> <li>•Grouping &amp; sharing</li> <li>•Fractions</li> <li>•Measures, incl. time</li> <li>•+/- to 15</li> </ul>	<ul style="list-style-type: none"> <li>•Counting &amp; Place Value</li> <li>•+/- beyond totals of 10</li> <li>•Grouping &amp; sharing</li> <li>•Shape, position &amp; movement</li> <li>•Measuring &amp; time</li> <li>•+/- totals to 10</li> </ul>	<ul style="list-style-type: none"> <li>•Addition totals to 10</li> <li>•+/- to 20</li> <li>•Fractions</li> <li>•Multiplication &amp; division</li> <li>•Measuring</li> <li>•Moving &amp; Turning</li> </ul>	<ul style="list-style-type: none"> <li>•Number &amp; Place Value</li> <li>•Addition &amp; subtraction</li> <li>•Fractions</li> <li>•Multiplication &amp; division</li> <li>•Time &amp; using standard units</li> <li>•Addition totals to 10</li> </ul>

## Year 2

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<ul style="list-style-type: none"> <li>•Number &amp; Place value</li> <li>•Counting</li> <li>•Reading &amp; writing 2-digit numbers</li> <li>•Addition</li> <li>•Subtraction</li> <li>•Multiplication &amp; division – repeated addition</li> <li>•Properties of 2D &amp; 3D shapes</li> <li>•Measures</li> </ul>	<ul style="list-style-type: none"> <li>•Comparing &amp; ordering 2-digit numbers</li> <li>•Place value</li> <li>•Mental calculation strategies +/-</li> <li>•Repeated addition, arrays, grouping and times table facts</li> <li>•Fractions</li> <li>•Position, direction and motion</li> <li>•Time</li> <li>•Data Handling</li> </ul>	<ul style="list-style-type: none"> <li>•Estimating, counting &amp; comparing quantities</li> <li>•Mental calculation strategies +/-</li> <li>•+/- using partitioning and counting on</li> <li>•Repeated addition &amp; subtraction, arrays, grouping and times table facts</li> <li>•Properties of 2D &amp; 3D shapes</li> <li>•Measures</li> </ul>	<ul style="list-style-type: none"> <li>•Estimating, counting &amp; comparing quantities</li> <li>•Mental calculation strategies +/-</li> <li>•Repeated addition &amp; subtraction, arrays, grouping and times table facts</li> <li>•Fractions</li> <li>•Position &amp; direction</li> <li>•Time</li> <li>•Statistics</li> </ul>	<ul style="list-style-type: none"> <li>•Estimating, counting &amp; comparing quantities</li> <li>•Mental calculation strategies +/-</li> <li>•Repeated addition &amp; subtraction, arrays, grouping and times table facts</li> <li>•Fractions</li> <li>•Properties of 2D &amp; 3D shapes</li> <li>•Measures</li> </ul>	<ul style="list-style-type: none"> <li>•Estimating, counting &amp; comparing quantities</li> <li>•Mental calculation strategies +/-</li> <li>•Repeated addition &amp; subtraction, arrays, grouping and times table facts</li> <li>•Fractions</li> <li>•Position &amp; direction</li> <li>•Time</li> <li>•Statistics</li> </ul>

## Year 3

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<ul style="list-style-type: none"> <li>•Reading, writing &amp; ordering 2 &amp; 3-digit numbers</li> <li>•Counting &amp; estimating</li> <li>•Number facts to 20 &amp; to 100</li> <li>•+/- of 1 &amp; 2-digit numbers</li> <li>•Multiplication &amp; division facts</li> <li>•Measuring using mm, cm &amp; metres</li> <li>•Recognising, describing &amp; making 2D &amp; 3D shapes</li> </ul>	<ul style="list-style-type: none"> <li>•Counting &amp; estimating</li> <li>•+/- of 2 &amp; 3-digit numbers, using number line &amp; columns</li> <li>•Doubling, halving &amp; TU x U</li> <li>•Fractions</li> <li>•Time</li> <li>•Read, present &amp; interpret pictograms &amp; tables</li> </ul>	<ul style="list-style-type: none"> <li>•Number, place Value &amp; rounding</li> <li>•Using partitioning to +/- 2-digit numbers</li> <li>•Multiplying 1-digit numbers by 10</li> <li>•Practical &amp; informal written methods of multiplication</li> <li>•Adding &amp; subtracting money</li> <li>•Recognising &amp; drawing right angles inn 2D shapes</li> </ul>	<ul style="list-style-type: none"> <li>•+/- of 2-digit numbers using columns</li> <li>•Multiplying by multiples of 10</li> <li>•Dividing with remainders</li> <li>•Measuring using grams &amp; kilograms</li> <li>•Fractions</li> <li>•Read &amp; interpret bar charts, using scales</li> </ul>	<ul style="list-style-type: none"> <li>•Reading, writing &amp; ordering 2 &amp; 3-digit numbers</li> <li>•Multiplication &amp; division problems</li> <li>•+/- of 3-digit numbers and 1s, 10s &amp; 100s</li> <li>•Shape – identifying lines</li> <li>•Measuring using ml &amp; litres</li> </ul>	<ul style="list-style-type: none"> <li>•+/- of 2 &amp; 3-digit numbers using columns</li> <li>•Multiplication &amp; division problems</li> <li>•Short multiplication &amp; division</li> <li>•Fractions – +/- within 1</li> <li>•Read &amp; write time using 12 &amp; 24 hour</li> <li>•Construct &amp; interpret bar charts using scales</li> </ul>

## Year 4

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<ul style="list-style-type: none"><li>•Number, Place value &amp; rounding</li><li>•Mental addition &amp; subtraction</li><li>•Multiplication</li><li>•Division</li><li>•Properties of shapes</li><li>•Measures</li></ul>	<ul style="list-style-type: none"><li>•Mental &amp; written +/-</li><li>•Multiplication</li><li>•Division</li><li>•Fractions</li><li>•Geometry</li><li>•Data Handling &amp; time</li></ul>	<ul style="list-style-type: none"><li>•Number, Place value &amp; rounding</li><li>•Mental &amp; written +/-</li><li>•Mental &amp; Written multiplication</li><li>•Mental &amp; Written division</li><li>•Fractions</li><li>•Decimals</li></ul>	<ul style="list-style-type: none"><li>•Mental Calculation</li><li>•Written +/-</li><li>•Time</li><li>•Written multiplication &amp; division</li><li>•Geometry</li><li>•Data Handling &amp; measurement</li></ul>	<ul style="list-style-type: none"><li>•Place Value ideas</li><li>•Mental +/- using measures</li><li>•Written +/- using measures</li><li>•Mental &amp; Written multiplication/division</li><li>•Fractions</li><li>•Area &amp; Perimeter</li><li>•Capacity</li></ul>	<ul style="list-style-type: none"><li>•Mental calculations</li><li>•Measures</li><li>•Written +/-</li><li>•Mental &amp; Written multiplication/division</li><li>•2D shape, angles &amp; coordinates</li><li>•Statistics</li></ul>

## Year 5

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<ul style="list-style-type: none"> <li>•Place value to 1,000,000</li> <li>•Mental +/-</li> <li>•Factors &amp; prime numbers</li> <li>•Using multiplication/division facts</li> <li>•Angles</li> <li>•Length, perimeter &amp; area</li> </ul>	<ul style="list-style-type: none"> <li>•Written methods for multiplication</li> <li>•Divide 4-digit numbers</li> <li>•Fractions – tenths &amp; hundredths</li> <li>•Decimals – tenths, hundredths &amp; thousandths</li> <li>•2D &amp; 3D shapes</li> <li>•Tables &amp; bar charts</li> </ul>	<ul style="list-style-type: none"> <li>•Negative numbers</li> <li>•Solving problems</li> <li>•+/- of larger numbers &amp; money</li> <li>•Long multiplication, square numbers &amp; cube numbers</li> <li>•+/- fractions</li> <li>•Reflections &amp; translations</li> <li>•Mass</li> </ul>	<ul style="list-style-type: none"> <li>•Mental &amp; written methods of +/- for large numbers</li> <li>•Written multiplication/division</li> <li>•Calculating with fractions</li> <li>•Percentages</li> <li>•Capacity</li> <li>•Line graphs/comparative graphs</li> </ul>	<ul style="list-style-type: none"> <li>•Negative numbers &amp; roman numerals</li> <li>•+/- large &amp; small numbers</li> <li>•Long multiplication &amp; division with remainders</li> <li>•Working with fractions</li> <li>•Diagonals &amp; problems incl. angles</li> <li>•Volume, time &amp; money</li> </ul>	<ul style="list-style-type: none"> <li>•+/- of money</li> <li>•Multiplication &amp; division of money</li> <li>•Decimals &amp; fractions</li> <li>•Problems involving fractions</li> <li>•Perimeter, area &amp; scale drawing</li> <li>•Using tables &amp; graphs</li> </ul>

## Year 6

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<ul style="list-style-type: none"> <li>•Place value &amp; rounding</li> <li>•Mental &amp; written +/- of large numbers</li> <li>•Multiples, factors &amp; prime numbers</li> <li>•Written methods for multiplication &amp; division: HTU x TU, HTU x U</li> <li>•Circles &amp; angles</li> <li>Units of measure</li> </ul>	<ul style="list-style-type: none"> <li>•Written methods for multiplication &amp; division</li> <li>•Comparing, ordering &amp; simplifying fractions</li> <li>•Multiplying decimals by 10, 100 &amp; 1000</li> <li>•Order of operations</li> <li>•2D &amp; 3D shapes</li> <li>•Pie Charts</li> </ul>	<ul style="list-style-type: none"> <li>•Negative numbers &amp; solving problems</li> <li>•Mental &amp; written +/- of decimals &amp; money</li> <li>•Mental &amp; written multiplication &amp; division</li> <li>•Calculating fractions</li> <li>•Reflections &amp; translations on coordinate axes</li> <li>•Perimeter, area &amp; volume</li> </ul>	<ul style="list-style-type: none"> <li>•Calculating with large numbers</li> <li>•Multiplying &amp; dividing decimals</li> <li>•Percentages, decimals &amp; fractions</li> <li>•Simple formulae</li> <li>•Area &amp; Volume</li> <li>•Line graphs</li> </ul>	<ul style="list-style-type: none"> <li>•Problems involving number</li> <li>•+/- large &amp; small numbers</li> <li>•Long multiplication &amp; division</li> <li>•Working with fractions</li> <li>•Problems involving percentages, fractions &amp; decimals</li> <li>•Ratio &amp; proportion</li> </ul>	<ul style="list-style-type: none"> <li>•Solving problems involving money</li> <li>•Number puzzles</li> <li>•Fractions with different denominators</li> <li>•Problems involving percentages &amp; decimals</li> <li>•Problems involving measures</li> <li>•Using data</li> </ul>