

## Year 1

*Confidently count to 100 and know their number bonds to 10*

<u>Autumn Term</u>	<u>Spring Term</u>	<u>Summer Term</u>
<ul style="list-style-type: none"><li>*Patterns in number</li><li>*Counting and comparison</li><li>*Estimating and ordering</li><li>*Regrouping a whole</li><li>*Part whole addition</li><li>*Part whole subtraction</li><li>*Solving problems</li><li>*Comparison</li><li>*equality and balance</li><li>*Making ten and some more</li><li>*Estimating and ordering</li><li>*Doubling and halving</li><li>*Odd and even numbers</li><li>*Names and properties of 2d and 3d shapes</li></ul>	<ul style="list-style-type: none"><li>*measure</li><li>*sequencing</li><li>*numbers to 20, adding and subtraction, equality and balance, part or whole</li><li>*language and problem solving</li><li>*Comparison</li><li>*Measures – coins and combinations</li><li>*Counting in 2's, 5's and 10's</li><li>*Measures – nonstandard and standard</li></ul>	<ul style="list-style-type: none"><li>*Multiplication and division</li><li>*repeated addition and arrays</li><li>*Problem solving</li><li>*Division</li><li>*Geometry</li><li>*Time</li><li>*Fractions</li><li>*Numbers to 100</li></ul>

## Year 2

*Know their number bonds to 20 and there 2x, 5x and 10x tables at speed*

<u>Autumn Term</u>	<u>Spring Term</u>	<u>Summer Term</u>
<ul style="list-style-type: none"> <li>*Fluency to 20</li> <li>*Place value</li> <li>*regrouping 2 digit numbers</li> <li>*Counting on and back</li> <li>*representing, ordering and comparing numbers to 100</li> <li>*Comparison</li>   <li>*Adding and subtracting mentally</li> <li>*Parts and whole of numbers</li> <li>*Money</li> <li>*Comparisons</li> <li>*Measures</li> </ul>	<ul style="list-style-type: none"> <li>*Statistics</li> <li>*Written addition methods</li> <li>*Problem solving</li> <li>*Time</li> <li>*Doubling and halving</li> <li>*X2, X5 and X10 patterns</li> <li>*Statistics</li> <li>*Written addition methods</li> <li>*Problem solving</li> <li>*Time</li> <li>*Doubling and halving</li> <li>*X2, X5 and X10 patterns</li> <li>*Multiplication</li> <li>*Division</li> </ul>	<ul style="list-style-type: none"> <li>*Fractions</li> <li>*Time</li> <li>*Problem solving</li> <li>*Multiplication and Division</li> <li>*Geometry</li> <li>*Mental calculations</li> <li>*Place value and written calculations</li> <li>*repeated addition and arrays</li> <li>*Problem solving</li> <li>*Division</li> <li>*Geometry</li> <li>*Time</li> <li>*Fractions</li> <li>*Numbers to 100</li> </ul>

## Year 3

*Know 3x, 4x, 8x and 11x tables and be able to use 3 digit numbers*

<u>Autumn Term</u>	<u>Spring Term</u>	<u>Summer Term</u>
<ul style="list-style-type: none"><li>*Place value</li><li>*Rounding and estimating</li><li>*Mentally adding and subtracting</li><li>*Written addition and subtraction</li><li>*Counting in multiples – 7, 9, 25 and 1000</li><li>*Multiplication and division facts for all times tables up to 12x12<ul style="list-style-type: none"><li>*factor pairs</li><li>*Problem solving</li></ul></li><li>*Multiplying and dividing by 10 and 100<ul style="list-style-type: none"><li>*Measuring</li></ul></li><li>Discrete and continuous data<ul style="list-style-type: none"><li>*Perimeter</li></ul></li></ul>	<ul style="list-style-type: none"><li>*Properties of shape<ul style="list-style-type: none"><li>*Symmetry</li></ul></li><li>*Decimal numbers<ul style="list-style-type: none"><li>*Calculating with decimals</li><li>*Measures – money</li></ul></li><li>*Problem solving with decimal places<ul style="list-style-type: none"><li>*Adding fractions</li></ul></li><li>*Time and converting time<ul style="list-style-type: none"><li>*Statistics</li></ul></li><li>*Roman Numerals</li><li>*Negative numbers<ul style="list-style-type: none"><li>*Geometry</li></ul></li></ul>	<ul style="list-style-type: none"><li>*Division and problem solving<ul style="list-style-type: none"><li>*Division – 2 and 3 digit numbers<ul style="list-style-type: none"><li>*Long division</li><li>*Time</li></ul></li><li>*securing four operations</li></ul></li><li>*Place value – decimals<ul style="list-style-type: none"><li>*Measures</li><li>*3d shape</li></ul></li></ul>

## Year 4

*Know all times tables up to 12x12 and be able to use 4 digit numbers*

<u>Autumn Term</u>	<u>Spring Term</u>	<u>Summer Term</u>
<ul style="list-style-type: none"><li>*Place value and regrouping</li><li>*Counting on and back</li><li>*Estimation</li><li>*Measures</li><li>*Mental fluency</li><li>*Written addition</li><li>*Written subtraction</li><li>*Problem solving and word problems<ul style="list-style-type: none"><li>*Statistics</li><li>*Angles</li><li>*2D shapes</li><li>*Perimeter</li></ul></li></ul>	<ul style="list-style-type: none"><li>*multiplication – 3x, 4x and 8x tables</li><li>*Statistics</li><li>*Multiplication and division</li><li>*Ordering and comparing fractions</li><li>*Adding and subtracting fractions</li><li>*Multiplication</li></ul>	<ul style="list-style-type: none"><li>*Division and problem solving</li><li>*Division – 2 and 3 digit numbers<ul style="list-style-type: none"><li>*Long division</li><li>*Time</li></ul></li><li>*securing four operations</li><li>*Place value – decimals<ul style="list-style-type: none"><li>*Measures</li><li>*3d shape</li></ul></li></ul>

## Year 5

*Be able to use and work confidently with 6 digit numbers*

<u>Autumn Term</u>	<u>Spring Term</u>	<u>Summer Term</u>
<ul style="list-style-type: none"> <li>*Place value and rounding</li> <li>*Negative numbers</li> <li>*Place value and decimal places</li> <li>*multiplying and dividing by 10, 100 and 1000</li> <li>*Properties of number</li> <li>*Prime and composite numbers</li> <li>*mental multiplication and division</li> <li>*problem solving of key facts</li> <li>*Addition and subtraction</li> <li>*Written methods</li> <li>*Written multiplication</li> <li>*Short division</li> <li>*Equivalent fractions</li> <li>*comparing and ordering fractions</li> <li>*Adding and subtracting fractions</li> </ul>	<ul style="list-style-type: none"> <li>*Problem solving</li> <li>*Multiplying by whole numbers</li> <li>*Fractions problem solving</li> <li>*Measuring and converting</li> <li>*Area</li> <li>*Volume and capacity</li> <li>*Percentages</li> <li>*Problem Solving percentages</li> <li>3d shapes and 2d representatives</li> <li>*Reflection and translation</li> <li>*Perimeter</li> <li>*Estimation, comparison, measuring and drawing</li> <li>angels</li> <li>*Unknown angels</li> </ul>	<ul style="list-style-type: none"> <li>*Formal methods for division and multiplication</li> <li>*Scaling fractions and rates</li> <li>*Conversions of imperial and metric</li> <li>*Fractions, decimals, percentages and problem solving</li> <li>*Reading timetables and calculating time</li> <li>*Problem solving &amp; four operations</li> <li>*Regular and irregular polygons</li> <li>*properties of rectangles</li> <li>*Statistics</li> <li>*Roman Numerals</li> </ul>

## Year 6

<u>Autumn Term</u>	<u>Spring Term</u>	<u>Summer Term</u>
<ul style="list-style-type: none"><li>*Place value</li><li>*Multiplying and dividing by 10, 100 and 1000</li><li>*Choosing effective mental strategies</li><li>*Factors, multiples and primes</li><li>*Simplifying fractions</li><li>*Adding and subtracting fractions</li><li>*Fractions and decimal equivalents</li><li>*fractions, decimals and percentages</li><li>*Calculating percentages</li><li>*formal written methods of multiplication</li><li>*Area</li><li>*Short division</li><li>*Properties of shape</li></ul>	<ul style="list-style-type: none"><li>*Operation and algebra</li><li>*Long division</li><li>*Perimeter and area</li><li>*Angles</li><li>*Reflection and translation</li><li>*Multiplying fractions</li><li>*Dividing fractions</li><li>*Fractions and problem solving</li><li>*ratio and proportion</li><li>*Volume</li><li>*Measures</li><li>*Statistics</li><li>*Algebra and sequences</li></ul>	<ul style="list-style-type: none"><li>*Statistics</li><li>*Pie charts</li><li>*Statistical representations</li><li>*Financial math's and enterprise</li></ul>