



## Maths Yearly Overview 2024 - 25



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Nursery</b>	<b>All About Me!</b>	<b>Terrific Tales!</b>	<b>Patterns and Prints!</b>	<b>Ticket to Ride Who helps us?</b>	<b>Amazing Animals!</b>	<b>Come Outside!</b>
	<b>Number and Place Value</b>	<b>Number and Place Value</b>	<b>Number and Place Value</b>	<b>Number and Place Value</b>	<b>Number and Place Value</b>	<b>Number and Place Value</b>
	<p>Begin to recite some numbers</p> <p>Know and say some numbers</p> <p>Begin to understand the last number reached when counting a small set of objects tells you the total.</p> <p>Begin to show finger numbers up to 5</p> <p>Experiment with their own symbols and marks as well as numerals</p> <p>Begin to compare quantities using language 'more than', 'fewer than'</p>	<p>Begin to recite some numbers in sequence</p> <p>Begin to make connections with numerals and quantity</p> <p>Begin to understand the last number reached when counting a small set of objects tells you the total.</p> <p>Begin to show finger numbers up to 5</p> <p>Experiment with their own symbols and marks as well as numerals</p> <p>Begin to compare quantities using language 'more than', 'fewer than'</p> <p>Solve real world Mathematical problems with numbers up to 5</p>	<p>Develop reciting some numbers in sequence</p> <p>Begin to develop recognition of up to 3 objects, without having to count them individually</p> <p>Develop understanding that the last number reached when counting a small set of objects tells you the total.</p> <p>Show finger numbers up to 5 with increasing confidence</p> <p>Experiment with their own symbols and marks as well as numerals</p> <p>Develop the skill of comparing quantities using language 'more than', 'fewer than'</p> <p>Solve real world Mathematical problems with numbers up to 5</p>	<p>Know and say numbers to 5 in order with confidence</p> <p>Develop recognition of up to 3 objects, without having to count them individually</p> <p>Understand the last number reached when counting a small set of objects tells you the total</p> <p>Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5</p> <p>Show finger numbers up to 5 with increasing confidence</p> <p>Experiment with their own symbols and marks as well as numerals</p> <p>Develop the skill of comparing quantities using language 'more than', 'fewer than'</p> <p>Solve real world Mathematical problems</p>	<p>Recite numbers past 5</p> <p>Develop fast recognition of up to 3 objects, without having to count them individually</p> <p>Know the last number reached when counting a small set of objects tells you the total</p> <p>Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5</p> <p>Show finger numbers up to 5</p> <p>Experiment with their own symbols and marks as well as numerals</p> <p>Compare quantities using language 'more than', 'fewer than'</p> <p>Solve real world Mathematical problems with numbers up to 5</p>	<p>Recite numbers past 5</p> <p>Say one number name for each item in order 1-5</p> <p>Develop fast recognition of up to 3 objects, without having to count them individually</p> <p>Know the last number reached when counting a small set of objects tells you the total.</p> <p>Link numerals and amounts up to 5, match the numeral and amount</p> <p>Show finger numbers up to 5</p> <p>Experiment with their own symbols and marks as well as numerals</p> <p>Compare quantities using language 'more than', 'fewer than'</p> <p>Solve real world Mathematical problems with numbers up to 5</p>

	<p><b>Measurement</b></p> <p>Begin to make comparisons between objects relating to size, length weight and capacity</p> <p>Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then' etc</p> <p><b>Properties of Shape</b></p> <p>Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners'; 'straight', 'flat', 'round'</p> <p>Begin to select shapes appropriately eg triangle for a roof</p> <p>Combine shapes to make new ones</p> <p><b>Position and Direction</b></p> <p>Understand position through words alone – for example, "The bag is under the table," – with no pointing</p> <p>Begin to describe a familiar route</p> <p>Begin to discuss positions using words such as 'in front of' and 'behind'</p> <p><b>Patterns</b></p> <p>Begin to talk about and identifies the patterns around them. For example: stripes on clothes, designs on rugs and wallpaper. Use informal language like</p>	<p><b>Measurement</b></p> <p>Begin to make comparisons between objects relating to size, length weight and capacity</p> <p>Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then' etc</p> <p><b>Properties of Shape</b></p> <p>Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners'; 'straight', 'flat', 'round'</p> <p>Begin to select shapes appropriately eg triangle for a roof</p> <p><b>Position and Direction</b></p> <p>Understand position through words alone – for example, "The bag is under the table," – with no pointing</p> <p>Describe a familiar route</p> <p>Begin to discuss positions using words such as 'in front of' and 'behind'</p> <p><b>Patterns</b></p> <p>Begin to talk about and identifies the patterns around them. For example: stripes on clothes, designs on rugs and wallpaper. 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For example: stripes on clothes, designs on rugs and wallpaper. Use informal language like</p>	<p><b>Measurement</b></p> <p>Make comparisons between objects relating to size, length weight and capacity</p> <p>Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then' etc</p> <p><b>Properties of Shape</b></p> <p>Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners'; 'straight', 'flat', 'round'</p> <p>Select shapes appropriately eg triangle for a roof</p> <p>Combine shapes to make new ones</p> <p><b>Position and Direction</b></p> <p>Understand position through words alone – for example, "The bag is under the table," – with no pointing</p> <p>Describe a familiar route</p> <p>Begin to discuss positions using words such as 'in front of' and 'behind'</p> <p><b>Patterns</b></p> <p>Talk about and identifies the patterns around them. For example: stripes on clothes, designs on rugs and wallpaper. Use informal</p>	<p><b>Measurement</b></p> <p>Make comparisons between objects relating to size, length weight and capacity</p> <p>Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then' etc</p> <p><b>Properties of Shape</b></p> <p>Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners'; 'straight', 'flat', 'round'</p> <p>Select shapes appropriately eg triangle for a roof</p> <p>Combine shapes to make new ones</p> <p><b>Position and Direction</b></p> <p>Understand position through words alone – for example, "The bag is under the table," – with no pointing</p> <p>Describe a familiar route</p> <p>Begin to discuss positions using words such as 'in front of' and 'behind'</p> <p><b>Patterns</b></p> <p>Talk about and identifies the patterns around them. For example: stripes on clothes, designs on rugs</p>
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	<p>'pointy', 'spotty', 'blobs' etc. Start to explore and create ABAB patterns – stick, leaf, stick, leaf. Begin to notice and correct an error in a repeating pattern.</p>	<p>informal language like 'pointy', 'spotty', 'blobs' etc. Start to explore and create ABAB patterns – stick, leaf, stick, leaf. Begin to notice and correct an error in a repeating pattern.</p>	<p>'pointy', 'spotty', 'blobs' etc. Explore and create ABAB patterns – stick, leaf, stick, leaf. Begin to notice and correct an error in a repeating pattern.</p>	<p>'pointy', 'spotty', 'blobs' etc. Explore and create ABAB patterns – stick, leaf, stick, leaf. Notice and correct an error in a repeating pattern.</p>	<p>language like 'pointy', 'spotty', 'blobs' etc. Explore and create ABAB patterns – stick, leaf, stick, leaf. Notice and correct an error in a repeating pattern.</p>	<p>and wallpaper. Use informal language like 'pointy', 'spotty', 'blobs' etc. Explore and create ABAB patterns – stick, leaf, stick, leaf. Notice and correct an error in a repeating pattern.</p>
	<p><b>Mathematical Vocabulary</b> Begin to use a wider range of vocabulary Begin to understand 'why' questions</p>	<p><b>Mathematical Vocabulary</b> Begin to use a wider range of vocabulary Begin to understand 'why' questions</p>	<p><b>Mathematical Vocabulary</b> Use a wider range of vocabulary Understand 'why' questions</p>	<p><b>Mathematical Vocabulary</b> Use a wider range of vocabulary Understand 'why' questions</p>	<p><b>Mathematical Vocabulary</b> Use a wider range of vocabulary Understand 'why' questions</p>	<p><b>Mathematical Vocabulary</b> Use a wider range of vocabulary Understand 'why' questions</p>

<p style="text-align: center;"><b>Reception</b></p>	<p><b>Number</b></p> <p><b>Numbers to 5</b></p> <ul style="list-style-type: none"> <li>- Counting to 1, 2 and 3</li> <li>- Counting to 4</li> <li>- Counting to 5</li> </ul> <p><b>Comparing groups within 5</b></p> <ul style="list-style-type: none"> <li>- Comparing quantities of identical objects</li> <li>- Comparing quantities of non-identical objects</li> </ul> <p><b>Geometry</b></p> <p><b>2D and 3D shape</b></p> <ul style="list-style-type: none"> <li>- 3D shapes</li> <li>- 2D shapes</li> </ul>	<p><b>Number</b></p> <p><b>Change within 5</b></p> <ul style="list-style-type: none"> <li>- One more</li> <li>- One less</li> </ul> <p><b>Number bonds within 5</b></p> <ul style="list-style-type: none"> <li>- Introduce the part-whole model</li> </ul> <p><b>Geometry</b></p> <p><b>Space</b></p> <ul style="list-style-type: none"> <li>- Spatial awareness</li> </ul>	<p><b>Number</b></p> <p><b>Numbers to 10</b></p> <ul style="list-style-type: none"> <li>- Counting to 5, 7 and 8</li> <li>- Counting to 9 and 10</li> </ul> <p><b>Comparing numbers within 10</b></p> <ul style="list-style-type: none"> <li>- Comparing groups up to 10</li> </ul> <p><b>Addition to 10</b></p> <ul style="list-style-type: none"> <li>- Combining 2 groups to find the whole</li> </ul> <p><b>Measure</b></p> <p><b>Length, height and weight</b></p> <ul style="list-style-type: none"> <li>- Length, height and distance <ul style="list-style-type: none"> <li>- Weight</li> </ul> </li> </ul>	<p><b>Number</b></p> <p><b>Number bonds to 10</b></p> <ul style="list-style-type: none"> <li>- Using a ten frame</li> <li>- The part-whole model to 10</li> </ul> <p><b>Subtraction</b></p> <ul style="list-style-type: none"> <li>- Subtraction</li> </ul> <p><b>Patterns</b></p> <ul style="list-style-type: none"> <li>- Making simple patterns</li> <li>- Exploring more complex patterns</li> </ul>	<p><b>Number</b></p> <p><b>Counting on and counting back</b></p> <ul style="list-style-type: none"> <li>- Adding by counting on</li> <li>- Taking away by counting back</li> </ul> <p><b>Numbers to 20</b></p> <ul style="list-style-type: none"> <li>- Counting to 20</li> </ul> <p><b>Numerical patterns</b></p> <ul style="list-style-type: none"> <li>- Doubling</li> <li>- Halving and sharing</li> <li>- Odds and evens</li> </ul> <p><b>Geometry</b></p> <p><b>Composing and decomposing shapes</b></p> <ul style="list-style-type: none"> <li>- Composing and decomposing shapes</li> </ul>	<p><b>Measure</b></p> <p><b>Volume and capacity</b></p> <ul style="list-style-type: none"> <li>- Capacity</li> </ul> <p><b>Sorting (optional)</b></p> <ul style="list-style-type: none"> <li>- Sorting into 2 groups</li> </ul> <p><b>Measure</b></p> <p><b>Time (Optional)</b></p> <ul style="list-style-type: none"> <li>- My day</li> </ul>
	<p style="text-align: center;"><b>Year 1</b></p>	<p><b>Number</b></p> <p><b>Numbers to 10</b></p> <ul style="list-style-type: none"> <li>- Sort objects</li> <li>- Count objects to 10</li> </ul>	<p><b>Number</b></p> <p><b>Subtraction</b></p> <ul style="list-style-type: none"> <li>- How many are left?</li> <li>- Break apart</li> <li>- Fact families</li> </ul>	<p><b>Number</b></p> <p><b>Numbers to 20</b></p> <ul style="list-style-type: none"> <li>- Count to 20</li> <li>- Understand 10</li> <li>- 11, 12 and 13</li> <li>- 14, 15 and 16</li> </ul>	<p><b>Measurement</b></p> <p><b>Length and height</b></p> <ul style="list-style-type: none"> <li>- Comparing lengths and heights</li> </ul>	<p><b>Number</b></p> <p><b>Multiplication</b></p> <ul style="list-style-type: none"> <li>- Counting in 10s, 5s and 2s</li> <li>- Making equal groups</li> </ul>

	<ul style="list-style-type: none"> <li>- Represent numbers to 10</li> <li>- Count objects from a larger group</li> <li>- Count on from any number <ul style="list-style-type: none"> <li>- One more</li> </ul> </li> <li>- Count backwards from 10 to 0 <ul style="list-style-type: none"> <li>- One less</li> </ul> </li> <li>- Compare groups</li> <li>- Fewer or more <ul style="list-style-type: none"> <li>- &lt;, &gt; or =</li> <li>- Compare numbers</li> </ul> </li> <li>- Order objects and numbers</li> <li>- The number line</li> </ul> <p><b>Part-whole within 10</b></p> <ul style="list-style-type: none"> <li>- Parts and wholes</li> <li>- The part-whole model</li> <li>- Write number sentences</li> <li>- Fact families</li> <li>- Number bonds</li> <li>- Number bonds to 10</li> </ul> <p><b>Addition within 10</b></p> <ul style="list-style-type: none"> <li>- Add together <ul style="list-style-type: none"> <li>- Add more</li> <li>- Addition problems</li> </ul> </li> <li>- Find the missing number</li> </ul>	<ul style="list-style-type: none"> <li>- Subtraction on a number line</li> <li>- Add or subtract 1 or 2</li> <li>- Solve word problems (addition and subtraction)</li> </ul> <p><b>Geometry</b></p> <p><b>2D and 3D shapes</b></p> <ul style="list-style-type: none"> <li>- Recognise and name 3D shapes</li> <li>- Sort 2D shapes</li> <li>- Recognise and name 2D shapes</li> <li>- Sort 3D shapes</li> <li>- Make patterns with shapes</li> </ul>	<ul style="list-style-type: none"> <li>- 17, 18 and 19</li> <li>- Understand 20</li> <li>- One more and one less</li> <li>- The number line to 20</li> <li>- Label number lines</li> <li>- Estimate on a number line</li> <li>- Compare numbers to 20 <ul style="list-style-type: none"> <li>- Order numbers to 20</li> </ul> </li> </ul> <p><b>Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>- Add by counting on within 20</li> <li>- Add ones using number bonds</li> <li>- Find and make number bonds to 20 <ul style="list-style-type: none"> <li>- Doubles</li> <li>- Near doubles</li> </ul> </li> </ul> <p><b>Number</b></p> <p><b>Numbers to 50</b></p> <ul style="list-style-type: none"> <li>- Counting to 50</li> <li>- Numbers to 50</li> <li>- Tens and ones</li> <li>- Representing numbers to 50 <ul style="list-style-type: none"> <li>- Comparing numbers of objects</li> <li>- Comparing numbers</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>- Non-standard units of measure</li> <li>- Measuring length using a ruler</li> <li>- Solving word problems</li> </ul> <p><b>Weight and volume</b></p> <ul style="list-style-type: none"> <li>- Comparing weight</li> <li>- Measuring weight</li> <li>- Comparing weight using measuring</li> <li>- Comparing capacity</li> <li>- Measuring capacity</li> <li>- Comparing capacity using measuring</li> <li>- Solving word problems</li> </ul>	<ul style="list-style-type: none"> <li>- Adding equal groups <ul style="list-style-type: none"> <li>- Making simple arrays</li> <li>- Making doubles</li> </ul> </li> <li>- Solving word problems</li> </ul> <p><b>Division</b></p> <ul style="list-style-type: none"> <li>- Making equal groups <ul style="list-style-type: none"> <li>- Sharing equally</li> </ul> </li> <li>- Solving word problems</li> </ul> <p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>- Finding halves <ul style="list-style-type: none"> <li>- Finding quarters</li> </ul> </li> <li>- Solving word problems</li> </ul> <p><b>Position and direction</b></p> <ul style="list-style-type: none"> <li>- Describing turns</li> <li>- Describing positions</li> </ul>	<ul style="list-style-type: none"> <li>- Partitioning numbers</li> <li>- Comparing numbers</li> <li>- Ordering numbers</li> <li>- Bonds to 100</li> </ul> <p><b>Measurement</b></p> <p><b>Time</b></p> <ul style="list-style-type: none"> <li>- Using before and after</li> <li>- Using a calendar</li> <li>- Telling time to the hour</li> <li>- Telling time to the half hour</li> <li>- Writing time</li> <li>- Comparing time</li> <li>- Solving word problems</li> </ul> <p><b>Money</b></p> <ul style="list-style-type: none"> <li>- Recognising coins</li> <li>- Recognising notes</li> <li>- Counting with coins</li> </ul>
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<p><b>Year 2</b></p>	<p style="text-align: center;"><b>Numbers</b></p> <p style="text-align: center;"><b>Numbers to 100</b></p> <ul style="list-style-type: none"> <li>- Counting objects to 100</li> <li>- Representing numbers to 100</li> <li>- Tens and ones</li> <li>- Representing numbers on a place value grid</li> <li>- Comparing numbers</li> <li>- Ordering numbers</li> <li>- Counting in 2s, 5s and 10s</li> <li>- Counting in 3s</li> </ul> <p style="text-align: center;"><b>Addition and subtraction</b></p> <ul style="list-style-type: none"> <li>- Related facts: addition and subtraction</li> <li>- Using number facts to check calculations</li> <li>- Comparing number sentences</li> <li>- Finding related facts</li> <li>- Making number bonds to 100</li> <li>- Adding and subtracting 1s</li> </ul>	<p style="text-align: center;"><b>Measurement</b></p> <p style="text-align: center;"><b>Money</b></p> <ul style="list-style-type: none"> <li>- Counting money – coins</li> <li>- Counting money – notes</li> <li>- Showing equal amounts of money</li> <li>- Comparing amounts of money</li> <li>- Calculating the total amount</li> <li>- Finding change</li> <li>- Solving two-step word problems</li> </ul> <p style="text-align: center;"><b>Number</b></p> <p style="text-align: center;"><b>Multiplication and division</b></p> <ul style="list-style-type: none"> <li>- Making equal groups</li> <li>- Multiplication as equal groups</li> <li>- Adding equal groups</li> <li>- Multiplication sentences</li> <li>- Using arrays</li> <li>- 2 times-table</li> <li>- 5 times-table</li> <li>- 10 times-table</li> </ul>	<p style="text-align: center;"><b>Number</b></p> <p style="text-align: center;"><b>Multiplication and division</b></p> <ul style="list-style-type: none"> <li>- Making equal groups</li> <li>- Sharing and grouping</li> <li>- Dividing by 2</li> <li>- Odd and even numbers</li> <li>- Dividing by 5</li> <li>- Dividing by 10</li> <li>- Bar modelling</li> </ul> <p style="text-align: center;"><b>Statistics</b></p> <p style="text-align: center;"><b>Statistics</b></p> <ul style="list-style-type: none"> <li>- Making tally charts</li> <li>- Creating pictograms</li> <li>- Interpreting pictograms</li> <li>- Block diagrams</li> <li>- Solving word problems</li> </ul> <p style="text-align: center;"><b>Measurement</b></p> <p style="text-align: center;"><b>Length and height</b></p> <ul style="list-style-type: none"> <li>- Measuring in centimetres</li> <li>- Measuring in metres</li> <li>- Comparing lengths</li> </ul>	<p style="text-align: center;"><b>Geometry</b></p> <p style="text-align: center;"><b>Properties of shapes</b></p> <ul style="list-style-type: none"> <li>- Recognising 2D and 3D shapes</li> <li>- Drawing 2D shapes</li> <li>- Counting sides on 2D shapes</li> <li>- Counting vertices on 2D shapes</li> <li>- Finding lines of symmetry</li> <li>- Sorting 2D shapes</li> <li>- Making patterns with 2D shapes</li> <li>- Counting faces on 3D shapes</li> <li>- Counting edges on 3D shapes</li> <li>- Counting vertices on 3D shapes</li> <li>- Sorting 3D shapes</li> <li>- Making patterns with 3D shapes</li> </ul> <p style="text-align: center;"><b>Number</b></p> <p style="text-align: center;"><b>Fractions</b></p> <ul style="list-style-type: none"> <li>- Introducing whole and parts</li> <li>- Making equal parts</li> </ul>	<p style="text-align: center;"><b>Geometry</b></p> <p style="text-align: center;"><b>Position and direction</b></p> <ul style="list-style-type: none"> <li>- Describing movement</li> <li>- Describing turns</li> <li>- Describing movement and turns</li> <li>- Making patterns with shapes</li> </ul> <p style="text-align: center;"><b>Number</b></p> <p style="text-align: center;"><b>Problem solving and efficient methods</b></p> <ul style="list-style-type: none"> <li>- Using number facts</li> <li>- Using number facts and equivalence</li> <li>- Using a 100-square</li> <li>- Missing numbers</li> <li>- Mental addition and subtraction</li> <li>- Efficient subtraction</li> <li>- Solving problems using the four operations</li> </ul>	<p style="text-align: center;"><b>Measurement</b></p> <p style="text-align: center;"><b>Time</b></p> <ul style="list-style-type: none"> <li>- Telling time and writing time to the hour and the half hour</li> <li>- Telling time to the quarter hour</li> <li>- Telling time to 5 minutes</li> <li>- Minutes in an hour</li> <li>- Finding durations of time</li> <li>- Comparing durations of time</li> <li>- Finding the end time</li> <li>- Finding the start time</li> <li>- Hours in a day</li> </ul> <p style="text-align: center;"><b>Weight volume and temperature</b></p> <ul style="list-style-type: none"> <li>- Comparing mass</li> <li>- Measuring mass in grams</li> <li>- Measuring mass in kilograms</li> <li>- Comparing volume</li> </ul>

	<ul style="list-style-type: none"> <li>- Finding 10 more and 10 less</li> <li>- Adding and subtracting 10s</li> <li>- Adding a 2-digit and 1-digit number</li> <li>- Subtracting a 1-digit number from a 2-digit number</li> <li>- Adding two 2-digit numbers</li> <li>- Subtracting a 2-digit number from another 2-digit number</li> <li>- Adding three 1-digit numbers</li> <li>- Solving word problems – the bar model</li> </ul>	<ul style="list-style-type: none"> <li>- Solving word problems</li> </ul>	<ul style="list-style-type: none"> <li>- Ordering lengths</li> <li>- Solving word problems</li> </ul>	<ul style="list-style-type: none"> <li>- Recognising a half</li> <li>- Finding a half</li> <li>- Recognising a quarter <ul style="list-style-type: none"> <li>- Finding a quarter</li> </ul> </li> <li>- Unit fractions</li> <li>- Understanding other fractions <ul style="list-style-type: none"> <li>- <math>\frac{1}{2}</math> and <math>\frac{2}{4}</math></li> <li>- Finding <math>\frac{3}{4}</math></li> </ul> </li> <li>- Understanding a whole</li> <li>- Understanding whole and parts <ul style="list-style-type: none"> <li>- Counting in halves</li> <li>- Counting in quarters</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>- Measuring volume in millilitres</li> <li>- Measuring volume in litres</li> <li>- Measuring temperature using a thermometer <ul style="list-style-type: none"> <li>- Reading thermometers</li> </ul> </li> </ul>
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*1, 2, 5, 10 & 3 multiplication facts taught through the year*

Year 3	<p><b>Number</b> <i>Place value within 1000</i></p> <ul style="list-style-type: none"> <li>- Counting in 100s</li> <li>- Representing numbers to 1000</li> <li>- 100s, 10s and 1s</li> <li>- The number line to 1000</li> <li>- Finding 1, 10 and 100 more or less <ul style="list-style-type: none"> <li>- Comparing numbers to 1000</li> <li>- Ordering numbers to 1000</li> </ul> </li> <li>- Counting in 50s</li> </ul>	<p><b>Number</b> <i>Addition and subtraction</i></p> <ul style="list-style-type: none"> <li>- Addition and subtraction patterns</li> <li>- Adding two 3-digit numbers</li> <li>- Subtracting a 3-digit number from a 3-digit number</li> <li>- Estimating answers to</li> </ul>	<p><b>Number</b> <i>Multiplication and Division</i></p> <ul style="list-style-type: none"> <li>- Comparing multiplication and division statements <ul style="list-style-type: none"> <li>- Related multiplication calculations</li> <li>- Multiplying and dividing a 2-digit number by a 1-digit number</li> </ul> </li> </ul>	<p><b>Measurement</b> <i>Length</i></p> <ul style="list-style-type: none"> <li>- Measuring length</li> <li>- Equivalent lengths (m and cm/cm and mm)</li> <li>- Comparing lengths</li> <li>- Adding lengths</li> <li>- Subtracting lengths</li> <li>- Perimeter</li> </ul> <p><b>Number</b></p>	<p><b>Number</b> <i>Fractions</i></p> <ul style="list-style-type: none"> <li>- Equivalent fractions</li> <li>- Comparing fractions</li> <li>- Ordering fractions</li> <li>- Adding and subtracting fractions</li> <li>- Fractions of measures</li> </ul> <p><b>Number</b></p>	<p><b>Geometry</b> <i>Angles and properties of shapes</i></p> <ul style="list-style-type: none"> <li>- Turns and angles</li> <li>- Right angles in shapes</li> <li>- Comparing angles</li> <li>- Drawing accurately</li> <li>- Types of line</li> <li>- Recognising and describing 2D shapes</li> </ul>
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	<p><b>Number</b></p> <p><b>Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>- Adding and subtracting 100s</li> <li>- Adding and subtracting 3-digit numbers and 1s</li> <li>- Adding a 3-digit number and 1s</li> <li>- Subtracting 1s from a 3-digit number</li> <li>- Adding and subtracting a 3-digit number and 10s</li> <li>- Adding a 3-digit number and 10s</li> <li>- Subtracting 10s from a 3-digit number</li> <li>- Adding and subtracting a 3-digit and 2-digit number</li> <li>- Subtracting a 2-digit number from a 3-digit number</li> </ul>	<p>additions and subtractions</p> <ul style="list-style-type: none"> <li>- Checking strategies</li> <li>- Problem solving</li> </ul> <p><b>Number</b></p> <p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>- Equal grouping</li> <li>- Multiplying and dividing by 3</li> <li>- Multiplying and dividing by 4</li> <li>- Multiplying and dividing by 8</li> <li>- Understanding divisibility</li> <li>- Related facts</li> </ul>	<p>-</p> <p><b>Measurement</b></p> <p><b>Money</b></p> <ul style="list-style-type: none"> <li>- Pounds and pence</li> <li>- Converting pounds and pence</li> <li>- Adding money</li> <li>- Subtracting amounts of money</li> </ul> <p>-</p> <p><b>Statistics</b></p> <p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>- Pictograms</li> <li>- Bar charts</li> <li>- Tables</li> </ul>	<p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>- Unit and non-unit fractions</li> <li>- Making the whole</li> <li>- Tenths</li> <li>- Fractions as numbers</li> <li>- Fractions of a set of objects</li> </ul>	<p><b>Time</b></p> <ul style="list-style-type: none"> <li>- Months and years</li> <li>- Hours in a day</li> <li>- Estimating time</li> <li>- Telling time to 5 minutes</li> <li>- Telling time to the minute</li> <li>- Finding the duration</li> <li>- Comparing duration</li> <li>- Finding start and end times</li> <li>- Measuring time in seconds</li> </ul>	<ul style="list-style-type: none"> <li>- Recognising and describing 3D shapes</li> <li>- Constructing 3D shapes</li> </ul> <p><b>Measurement</b></p> <p><b>Mass</b></p> <ul style="list-style-type: none"> <li>- Measuring mass</li> <li>- Comparing masses</li> <li>- Adding and subtracting mass</li> </ul> <p><b>Measurement</b></p> <p><b>Capacity</b></p> <ul style="list-style-type: none"> <li>- Measuring capacity</li> <li>- Comparing capacities</li> <li>- Adding and subtracting capacities</li> </ul>
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*4, 8, 6 & 11 multiplication facts taught and embedded through the year*

Year 4	<p><b>Number</b></p> <p><b>Number and place value</b></p> <ul style="list-style-type: none"> <li>- Numbers to 1000</li> <li>- Rounding to the nearest 10</li> </ul>	<p><b>Number</b></p> <p><b>Addition and subtraction</b></p> <ul style="list-style-type: none"> <li>- Equivalent distance</li> <li>- Estimating answers to</li> </ul>	<p><b>Number</b></p> <p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>- Using written methods to multiply</li> </ul>	<p><b>Number</b></p> <p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>- Tenths and hundredths</li> <li>- Equivalent fractions</li> </ul>	<p><b>Number</b></p> <p><b>Decimals</b></p> <ul style="list-style-type: none"> <li>- Making a whole</li> <li>- Writing decimals</li> </ul>	<p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>- Charts and tables</li> <li>- Line graphs</li> </ul> <p><b>Geometry</b></p>
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	<ul style="list-style-type: none"> <li>- Rounding to the nearest 100</li> <li>- Counting in 1000s</li> <li>- Representing 4-digit numbers</li> <li>- 1000s, 100s, 10s and 1s</li> <li>- The number line to 10,000</li> <li>- Roman numerals to 100</li> <li>- Finding 1000 more or less</li> <li>- Comparing 4-digit numbers <ul style="list-style-type: none"> <li>- Ordering numbers to 10,000</li> </ul> </li> <li>- Rounding to the nearest 1000</li> <li>- Counting in 25s <ul style="list-style-type: none"> <li>- Negative numbers</li> </ul> </li> </ul> <p style="text-align: center;"><b>Number</b></p> <p><b>Addition and subtraction</b></p> <ul style="list-style-type: none"> <li>- Adding and subtracting 1s, 10s, 100s and 1000s</li> <li>- Adding and subtracting two 4-digit numbers</li> </ul>	<p>addition and subtraction calculations</p> <ul style="list-style-type: none"> <li>- Checking strategies</li> </ul> <p style="text-align: center;"><b>Measurement</b></p> <p><b>Perimeter</b></p> <ul style="list-style-type: none"> <li>- Kilometres</li> <li>- Perimeter of a rectangle</li> <li>- Perimeter of rectilinear shapes</li> </ul> <p style="text-align: center;"><b>Number</b></p> <p><b>Multiplication and division</b></p> <ul style="list-style-type: none"> <li>- Multiplying and dividing by multiples of 10 and 100</li> <li>- Multiplying by 0 and 1</li> <li>- Dividing by 1</li> <li>- Multiplying and dividing by 6, 9, 7, 11 and 12</li> </ul>	<ul style="list-style-type: none"> <li>- Multiplying a 2-digit number by a 1-digit number</li> <li>- Multiplying a 3-digit number by a 1-digit number</li> <li>- Multiplying more than two numbers</li> <li>- Dividing a 2-digit number by a 1-digit number</li> <li>- Division with remainders</li> <li>- Dividing a 3-digit number by a 1-digit number</li> </ul> <p style="text-align: center;"><b>Measurement</b></p> <p><b>Area</b></p> <ul style="list-style-type: none"> <li>- What is area? <ul style="list-style-type: none"> <li>- Counting squares</li> </ul> </li> <li>- Making shapes <ul style="list-style-type: none"> <li>- Comparing area</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>- Simplifying fractions <ul style="list-style-type: none"> <li>- Fractions greater than 1</li> </ul> </li> <li>- Adding fractions</li> <li>- Subtracting fractions</li> <li>- Calculating fractions of a quantity</li> </ul> <p style="text-align: center;"><b>Number</b></p> <p><b>Decimals</b></p> <ul style="list-style-type: none"> <li>- Tenths</li> <li>- Dividing by 10</li> <li>- Hundredths</li> <li>- Dividing by 100</li> </ul>	<ul style="list-style-type: none"> <li>- Comparing decimals</li> <li>- Ordering decimals</li> <li>- Rounding decimals</li> <li>- Halves and quarters</li> </ul> <p style="text-align: center;"><b>Measurement</b></p> <p><b>Money</b></p> <ul style="list-style-type: none"> <li>- Pounds and pence <ul style="list-style-type: none"> <li>- Pounds, tenths and hundredths</li> </ul> </li> <li>- Ordering amounts of money</li> <li>- Rounding money</li> <li>- Use rounding to estimate money</li> </ul> <p style="text-align: center;"><b>Measurement</b></p> <p><b>Time</b></p> <ul style="list-style-type: none"> <li>- Units of time</li> <li>- Converting times</li> </ul>	<p style="text-align: center;"><b>Angles and 2D Shapes</b></p> <ul style="list-style-type: none"> <li>- Identifying angles</li> <li>- Comparing and ordering angles <ul style="list-style-type: none"> <li>- Identifying regular and irregular shapes</li> </ul> </li> <li>- Classifying triangles</li> <li>- Classifying and comparing quadrilaterals</li> <li>- Deducing facts about shapes <ul style="list-style-type: none"> <li>- Lines of symmetry</li> </ul> </li> </ul> <p style="text-align: center;"><b>Geometry</b></p> <p><b>Position and direction</b></p> <ul style="list-style-type: none"> <li>- Describing position</li> <li>- Drawing on a grid</li> <li>- Reasoning on a grid</li> <li>- Moving on a grid <ul style="list-style-type: none"> <li>- Describing movement on a grid</li> </ul> </li> </ul>
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*7, 9 and 12 multiplication facts taught and embedded through the year*

**Year 5**

<p><b>Number</b> <b>Place value</b></p> <ul style="list-style-type: none"> <li>- Numbers to 10,000</li> <li>- Rounding to the nearest 10, 100 and 1000</li> <li>- 10000s, 1000s, 100s, 10s and 1s</li> <li>- The number line to 100,000</li> <li>- Comparing and ordering numbers to 100,000             <ul style="list-style-type: none"> <li>- Rounding numbers within 100,000</li> </ul> </li> <li>- Roman numerals to 10,000</li> <li>- 100000s, 10000s, 1000s, 100s, 10s and 1s</li> <li>- Number line to 1,000,000</li> <li>- Comparing and ordering numbers to 1,000,000             <ul style="list-style-type: none"> <li>- Rounding numbers to 1,000,000</li> <li>- Negative numbers</li> </ul> </li> <li>- Counting in 10s, 100s, 1000s, 10000s             <ul style="list-style-type: none"> <li>- Number sequences</li> </ul> </li> </ul> <p><b>Number</b> <b>Addition and subtraction</b></p>	<p><b>Statistics</b> <b>Graphs and tables</b></p> <ul style="list-style-type: none"> <li>- Interpreting tables</li> <li>- Two-way tables</li> <li>- Interpreting line graphs</li> <li>- Drawing line graphs</li> </ul> <p><b>Number</b> <b>Multiplication and division</b></p> <ul style="list-style-type: none"> <li>- Multiples             <ul style="list-style-type: none"> <li>- Factors</li> </ul> </li> <li>- Prime numbers</li> <li>- Using factors             <ul style="list-style-type: none"> <li>- Squares</li> <li>- Cubes</li> <li>- Inverse operations</li> </ul> </li> <li>- Multiplying and dividing whole numbers by 10, 100 and 1000</li> <li>- Multiplying and dividing by multiples of 10, 100 and 1000</li> </ul> <p><b>Measurement</b> <b>Area and perimeter</b></p> <ul style="list-style-type: none"> <li>- Measuring perimeter</li> <li>- Calculating perimeter</li> <li>- Calculating area</li> <li>- Comparing area</li> <li>- Estimating area</li> </ul>	<p><b>Number</b> <b>Multiplication and division</b></p> <ul style="list-style-type: none"> <li>- Multiplying and dividing numbers up to 4 digits by a 1-digit number</li> <li>- Multiplying 2-digit numbers</li> <li>- Multiplying a 3-digit number by a 2-digit number</li> <li>- Multiplying a 4-digit number by a 2-digit number</li> <li>- Division with remainders</li> </ul> <p><b>Number</b> <b>Fractions, decimals and percentages</b></p> <ul style="list-style-type: none"> <li>- Equivalent fractions</li> <li>- Converting improper fractions to mixed fractions</li> <li>- Converting mixed numbers to improper fractions</li> <li>- Number sequences</li> <li>- Comparing and ordering fractions</li> <li>- Fractions as division</li> </ul>	<p><b>Number</b> <b>Fractions, decimals and percentages</b></p> <ul style="list-style-type: none"> <li>- Multiplying fractions</li> <li>- Calculating fractions of amounts</li> <li>- Using fractions as operators             <ul style="list-style-type: none"> <li>- Writing decimals</li> </ul> </li> <li>- Decimals as fractions</li> <li>- Understanding thousandths             <ul style="list-style-type: none"> <li>- Writing thousandths as decimals</li> </ul> </li> <li>- Ordering and comparing decimals</li> <li>- Rounding decimals</li> <li>- Understanding percentages</li> <li>- Percentages as fractions and decimals</li> <li>- Equivalent fractions, decimals and percentages</li> </ul>	<p><b>Number</b> <b>Fractions, decimals and percentages</b></p> <ul style="list-style-type: none"> <li>- Adding and subtracting decimals</li> <li>- Decimal sequences</li> <li>- Multiplying and dividing decimals by 10, 100 and 1000</li> </ul> <p><b>Geometry</b> <b>Properties of shapes</b></p> <ul style="list-style-type: none"> <li>- Measuring angles in degrees</li> <li>- Measuring with a protractor</li> <li>- Drawing lines and angles accurately</li> <li>- Calculating angles on a straight line</li> <li>- Calculating angles around a point</li> <li>- Calculating length and angles in shapes</li> <li>- Recognising and drawing parallel lines</li> <li>- Recognising and drawing perpendicular lines</li> </ul>	<p><b>Geometry</b> <b>Position and direction</b></p> <ul style="list-style-type: none"> <li>- Reflection</li> <li>- Reflection with coordinates</li> <li>- Translation</li> <li>- Translation with coordinates</li> </ul> <p><b>Measurement</b> <b>Converting units</b></p> <ul style="list-style-type: none"> <li>- Metric units</li> <li>- Imperial units of length</li> <li>- Imperial units of capacity</li> <li>- Converting units of time</li> <li>- Timetables</li> </ul> <p><b>Measurement</b> <b>Volume and capacity</b></p> <ul style="list-style-type: none"> <li>- What is volume?</li> <li>- Comparing volumes</li> <li>- Estimating volume</li> <li>- Estimating capacity</li> </ul>
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	<ul style="list-style-type: none"> <li>- Adding and subtracting whole numbers with more than 4 digits</li> <li>- Using rounding to estimate and check answers</li> <li>- Mental addition and subtraction</li> <li>- Using inverse operations</li> </ul>		<ul style="list-style-type: none"> <li>- Adding and subtracting fractions with the same denominator</li> <li>- Adding and subtracting fractions</li> </ul>		<ul style="list-style-type: none"> <li>- Reasoning about parallel and perpendicular lines</li> <li>- Regular and irregular polygons</li> <li>- Reasoning about 3D shapes</li> </ul>	
<b>Year 6</b>	<p style="text-align: center;"><b>Number</b></p> <p><b>Number and place value</b></p> <ul style="list-style-type: none"> <li>- Numbers to 1,000,000</li> <li>- Numbers to 10,000,000</li> <li>- Number line to 10,000,000</li> <li>- Comparing and ordering numbers to 10,000,000</li> <li>- Rounding numbers</li> <li>- Negative numbers</li> </ul> <p style="text-align: center;"><b>Number</b></p> <p><b>Four operations</b></p> <ul style="list-style-type: none"> <li>- Problem solving</li> <li>- Multiplying and dividing numbers up to 4 digits by a 2 digit number</li> <li>- Multiplying numbers up to 4 digits by a 1 digit number</li> <li>- Common factors <ul style="list-style-type: none"> <li>- Common multiples</li> </ul> </li> </ul>	<p style="text-align: center;"><b>Fractions</b></p> <ul style="list-style-type: none"> <li>- Simplifying fractions</li> <li>- Fractions on a number line</li> <li>- Comparing and ordering fractions</li> <li>- Adding and subtracting fractions</li> <li>- Multiplying a fraction by a whole number</li> <li>- Multiplying a fraction by a fraction</li> <li>- Dividing a fraction by a whole number</li> <li>- Four rules with fractions</li> <li>- Calculating fractions of amounts</li> </ul> <p style="text-align: center;"><b>Geometry</b></p> <p><b>Position and direction</b></p> <ul style="list-style-type: none"> <li>- Plotting coordinates</li> </ul>	<p style="text-align: center;"><b>Number</b></p> <p><b>Decimals</b></p> <ul style="list-style-type: none"> <li>- Multiplying by 10, 100 and 1000</li> <li>- Dividing by multiples of 10, 100 and 1000</li> <li>- Decimals as fractions</li> <li>- Fractions as decimals</li> <li>- Multiplying decimals</li> <li>- Dividing decimals</li> </ul> <p style="text-align: center;"><b>Number</b></p> <p><b>Percentages</b></p> <ul style="list-style-type: none"> <li>- Percentages of</li> <li>- Find missing values</li> <li>- Converting fractions to percentages</li> <li>- Equivalent fractions, decimals and percentages</li> </ul>			<p style="text-align: right;"><b>SATS REVISION</b></p> <p style="text-align: right;">and</p> <p style="text-align: right;"><b>Measure</b></p> <p><b>Imperial and metric measure</b></p> <ul style="list-style-type: none"> <li>- Metric measures</li> <li>- Converting metric measures <ul style="list-style-type: none"> <li>- Miles and km</li> <li>- Imperial measures</li> </ul> </li> </ul> <p style="text-align: right;"><b>Measure</b></p> <p><b>Perimeter, area and volume</b></p> <ul style="list-style-type: none"> <li>- Shapes with the same area <ul style="list-style-type: none"> <li>- Area and perimeter</li> <li>- Area of a triangle</li> <li>- Volume of a cuboid</li> </ul> </li> </ul> <p style="text-align: right;"><b>Ratio and Proportion</b></p> <ul style="list-style-type: none"> <li>- Ratio</li> <li>- Scale drawings</li> <li>- Scale factors</li> <li>- Similar shapes</li> </ul> <p style="text-align: right;"><b>Geometry</b></p> <p><b>Properties of shapes</b></p> <ul style="list-style-type: none"> <li>- Measuring with a protractor</li> <li>- Drawing shapes accurately <ul style="list-style-type: none"> <li>- Angles in triangles</li> <li>- Angles in polygons</li> </ul> </li> <li>- Vertically opposite angles</li> </ul>

	<ul style="list-style-type: none"> <li>- Recognising prime numbers up to 100</li> <li>- Squares and cubes</li> <li>- Order of operations</li> <li>- Brackets</li> <li>- Mental calculations</li> <li>- Reasoning from unknown facts</li> </ul>	<ul style="list-style-type: none"> <li>- Plotting translations and reflections</li> <li>- Reasoning about shapes with coordinates</li> </ul>	<p style="text-align: center;"><b>Algebra</b></p> <ul style="list-style-type: none"> <li>- Finding a rule</li> <li>- Using a rule</li> <li>- Formulae</li> <li>- Solving equations</li> </ul>	<ul style="list-style-type: none"> <li>- Equal distance</li> <li>- Parts of a circle</li> <li>- Nets</li> </ul> <p style="text-align: center;"><b>Statistics</b></p> <ul style="list-style-type: none"> <li>- The mean</li> <li>- Introducing pie charts</li> <li>- Reading and interpreting pie charts</li> <li>- Fractions and pie charts</li> <li>- Percentages and pie charts</li> <li>- Interpreting line graphs</li> </ul> <ul style="list-style-type: none"> <li>- Interpret and construct pie charts and line graphs and use these to solve problems</li> </ul>
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