

# Year 1 Fundamentals of Mathematics

<b>Number</b>	<div> <div> <b>Place value</b> <ul style="list-style-type: none"> <li>* I can read and write numbers 0-100 (and 1-20 in words)</li> <li>* I can find 1 more and 1 less than any number up to 100</li> </ul> </div> <div> <b><math>\times \div</math></b> <ul style="list-style-type: none"> <li>* I can solve <math>\times</math> and <math>\div</math> using C, P and arrays</li> <li>* I can halve and double numbers to 20</li> </ul> </div> <div> <b><math>+</math> <math>-</math></b> <ul style="list-style-type: none"> <li>* I can <math>+</math> and <math>-</math> 1 and 2 digit numbers using 0-20 (including missing number problems)</li> <li>* I know number bonds and related facts to 20</li> </ul> </div> <div> <b>FDP</b> <ul style="list-style-type: none"> <li>* I can recognise, find and name a half of shapes and quantities</li> <li>* I can recognise, find and name a quarter of shapes and quantities</li> </ul> </div> <div> <b>Counting (forwards and backwards)</b> <ul style="list-style-type: none"> <li>* I can count to and across 100, forwards and backwards from any number</li> <li>* I can count in 2s, 5s and 10s</li> </ul> </div> </div>
<b>Shape, Space and Measure</b>	<div> <div> <b>Measurement</b> <ul style="list-style-type: none"> <li>* I can measure, compare &amp; order: length, mass and capacity in metric units</li> </ul> </div> <div> <b>Geometry– Shape</b> <ul style="list-style-type: none"> <li>* I know common 2D and 3D shapes</li> </ul> </div> <div> <b>Money</b> <ul style="list-style-type: none"> <li>* I know the value of all UK coins and notes</li> </ul> </div> <div> <b>Position &amp; Direction</b> <ul style="list-style-type: none"> <li>* I can use the right words to describe position, direction and movement (making turns)</li> </ul> </div> <div> <b>Time</b> <ul style="list-style-type: none"> <li>* I can tell the time to the nearest half hour; and I know the words for days and dates</li> </ul> </div> </div>
<b>Being a Mathematician</b>	<div> <div> <b>Reasoning</b> <ul style="list-style-type: none"> <li>* I can explain why I worked a question out using a particular method</li> </ul> </div> <div> <b>Fluency</b> <ul style="list-style-type: none"> <li>* I work efficiently and accurately</li> </ul> </div> <div> <b>Problem solving</b> <ul style="list-style-type: none"> <li>* I can work systematically &amp; spot patterns; I can give reasons</li> </ul> </div> <div> <b>Communication</b> <ul style="list-style-type: none"> <li>* I can make my mathematical thinking clear to myself and others</li> </ul> </div> <div> <b>Reflection</b> <ul style="list-style-type: none"> <li>* I can use my own and suggested strategies to make my work even better</li> </ul> </div> </div>