

Year 2 Fundamentals of Mathematics	
<p>Number</p> <p>Place value</p> <p>+ - X ÷</p> <p>FDP</p> <p>RP</p> <p>Algebra</p>	<div style="display: flex; flex-wrap: wrap; justify-content: space-around;"> <div style="border: 2px solid #4f81bd; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Place value</p> <p>* Recognises the place value of each digit in a 2 digit number.</p> <p>* Orders numbers 0-100 and compares using > < and = (in numerals & words).</p> </div> <div style="border: 2px solid #00a0e3; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">+ -</p> <p>* Recalls and uses + - facts to 20 and derives related facts up to 100.</p> <p>* + - two 2 digit numbers and 3 one digit numbers (checking with inverse).</p> </div> <div style="border: 2px solid #9933cc; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">X ÷</p> <p>* Recalls X and related ÷ facts for 2, 5 and 10s.</p> <p>* Solves x ÷ problems in context using materials, arrays, rep'd + & x ÷ facts.</p> </div> <div style="border: 2px solid #0056b3; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">FDP</p> <p>* Identifies 1/2, 1/3, 1/4, 2/4 and 3/4 of length, shape or quantity.</p> <p>* Recognises the equivalence of 2/4 and 1/2.</p> </div> <div style="border: 2px solid #800080; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Counting (forwards and backwards)</p> <p>* Counts in steps of 2, 3 and 5 from zero and count in 10s from any number.</p> <p>* Identifies odd and even numbers.</p> </div> </div>
<p>Shape/space/measure</p> <p>Measurement</p> <p>Time/money</p> <p>Shape</p> <p>Position/direction</p> <p>Statistics</p>	<div style="display: flex; flex-wrap: wrap; justify-content: space-around;"> <div style="border: 2px solid #70ad47; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Measurement</p> <p>* Uses all measuring apparatus accurately to estimate and measure length, mass, temperature and capacity.</p> </div> <div style="border: 2px solid #008000; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Money/Time</p> <p>* Combines Es and p to make different amounts and tells the time to the nearest 5 minutes (knowing number of minutes in hour and hours in day).</p> </div> <div style="border: 2px solid #008000; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Geometry- shape</p> <p>* Identifies and describes properties of 2D and 3D shapes.</p> </div> <div style="border: 2px solid #006400; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Position direction</p> <p>* Understands positions on a compass and uses this to give directions (including rotation as a turns).</p> </div> <div style="border: 2px solid #90ee90; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Statistics</p> <p>* Asks and answers questions about data within a graph and makes comparisons and real life links.</p> </div> </div>
<p>Being a Mathematician</p> <p>(see exemplars for specific year group)</p>	<div style="display: flex; flex-wrap: wrap; justify-content: space-around;"> <div style="border: 2px solid #ffcc00; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Reasoning</p> <p>* Describes, convinces & justifies decisions following lines of enquiry & generalising.</p> </div> <div style="border: 2px solid #ffff00; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Problem solving</p> <p>* Works systematically & spots patterns by visualising & making conjectures.</p> </div> <div style="border: 2px solid #90ee90; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Fluency</p> <p>* Works efficiently and accurately.</p> </div> <div style="border: 2px solid #ff8c00; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Communication</p> <p>* Makes their mathematical thinking clear to themselves and others.</p> </div> <div style="border: 2px solid #ff4500; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Reflection</p> <p>* Uses own and suggested strategies to make corrections and</p> </div> </div>