

Year 1 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 blue; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Place value</p> <ul style="list-style-type: none"> * Reads and writes numbers to 100 in numerals (and 1-20 in words) * Identifies one more/less than a given number within 100 </div> <div style="border: 2px solid cyan; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">+ -</p> <ul style="list-style-type: none"> * + and -1 and 2 digit numbers using 0-20 (including missing no. problems) * Represents and uses number bonds and related subtraction facts within 20 </div> <div style="border: 2px solid purple; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">X ÷</p> <ul style="list-style-type: none"> * Solves multiplication and divisions using concrete, pictorial and arrays * Halves and doubles numbers to 20. </div> <div style="border: 2px solid darkblue; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">FDP</p> <ul style="list-style-type: none"> * Recognises, finds and names a half of shapes and quantities * Recognises, finds and names a quarter of shapes and quantities </div> <div style="border: 2px solid purple; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Counting (forwards and backwards)</p> <ul style="list-style-type: none"> * Counts to and across 100, forwards and backwards from any number * Counts in multiples of 2, 5 and 10. </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 lightgreen; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Measurement</p> <ul style="list-style-type: none"> * Measures & compares, and orders: length, mass, capacity in standard metric units. </div> <div style="border: 2px solid green; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Money</p> <ul style="list-style-type: none"> * Recognises the value of all coins and notes. </div> <div style="border: 2px solid green; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Geometry- shape</p> <ul style="list-style-type: none"> * Recognises and names common 2D and 3D shapes </div> <div style="border: 2px solid darkgreen; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Position & Direction</p> <ul style="list-style-type: none"> * Describes position, direction and movement (making turns) using prepositional language. </div> <div style="border: 2px solid lightgreen; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Time</p> <ul style="list-style-type: none"> * Tells the time to the nearest half hour and recognises and uses language relating to days & dates. </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 orange; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Reasoning</p> <ul style="list-style-type: none"> * Describes, convinces & justifies decisions following lines of enquiry & generalising. </div> <div style="border: 2px solid yellow; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Problem solving</p> <ul style="list-style-type: none"> * Works systematically & spots patterns by visualising & making conjectures. </div> <div style="border: 2px solid yellowgreen; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Fluency</p> <ul style="list-style-type: none"> * Works efficiently and accurately. </div> <div style="border: 2px solid orange; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Communication</p> <ul style="list-style-type: none"> * Makes their mathematical thinking clear to themselves and others. </div> <div style="border: 2px solid orange; border-radius: 50%; padding: 10px; width: 45%;"> <p style="text-align: center;">Reflection</p> <ul style="list-style-type: none"> * Uses own and suggested strategies to make corrections and improvements. </div> </div>