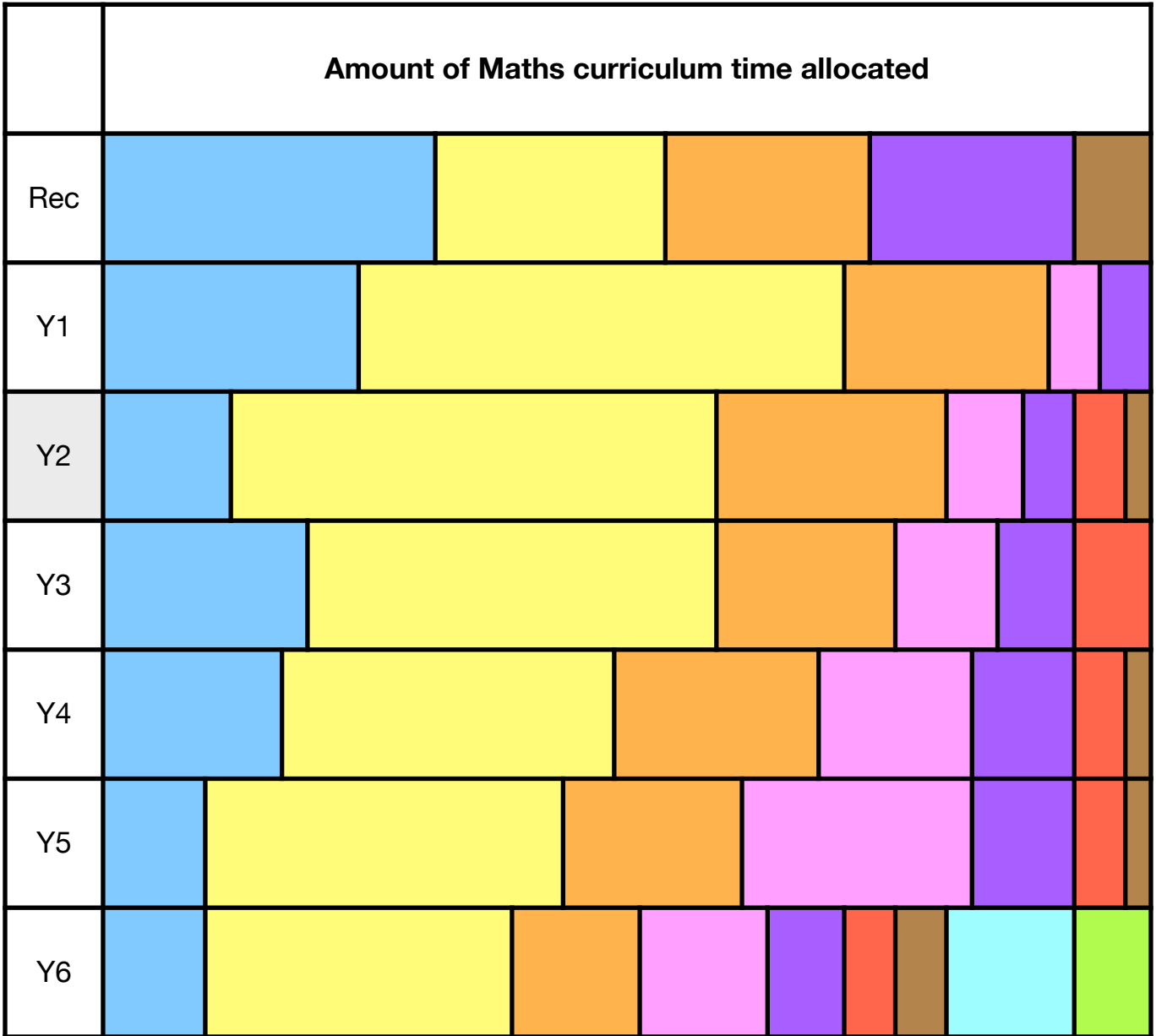


<b>M A T H S</b>	Place value & number	
	Calculation	
	Measures	
	Fractions & Decimals	
	Geometry Properties of shapes	
	Statistics	
	Geometry Position & direction	
	Algebra	
	Ratio	



## Year 2 Interleaved Curriculum

<b>Place value &amp; number</b>	<b>Calculation</b>	<b>Measures</b>	<b>Fractions &amp; Decimals</b>	<b>Geometry properties of shapes</b>	<b>Statistics</b>
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### Block 1

Place value & number	Calculation	Fractions & Decimals
<ul style="list-style-type: none"> <li>Can read and write numbers in numerals up to 999</li> <li>Can recognise the place value of each digit in a 3 digit number</li> <li>Identify, represent and estimate numbers up to 1000 using different representations</li> <li>Can find 10 or 100 more or less than a given number</li> <li>Can partition 2 and 3 digit numbers</li> <li>Can compare numbers under 1000</li> <li>Can count in multiples of 50 and 100 from 0</li> <li>Can order numbers under 1000</li> <li>Can count in multiples of 4 from 0</li> <li>Can count in multiples of 8 from 0</li> </ul>	<ul style="list-style-type: none"> <li>Can mentally add a 3 digit number and 1s</li> <li>Can mentally add a 3 digit number and 10s</li> <li>Can mentally add a 3 digit number and 100s</li> <li>Can mentally subtract a 3 digit number and 1s</li> <li>Can mentally subtract a 3 digit number and 10s</li> <li>Can mentally subtract a 3 digit number and 100s</li> <li>Can add two 3 digit numbers using formal methods</li> <li>Can subtract two 3 digit numbers using formal method</li> </ul>	<ul style="list-style-type: none"> <li>Can count up and down in tenths. Knows that tenths are formed by dividing a 1 digit number by 10</li> </ul>

### Block 2

Calculation	Measures	Geometry properties of shapes
<ul style="list-style-type: none"> <li>Can add two 3 digit numbers using formal methods (including estimation)</li> <li>Can subtract two 3 digit numbers using formal methods (including estimation)</li> <li>Can use the inverse operation to check answers</li> <li>Can solve missing number problems using addition and subtraction</li> <li>Can solve missing digit problems using subtraction</li> </ul>	<ul style="list-style-type: none"> <li>Can measure and compare, add and subtract lengths</li> <li>Can measure the perimeter of simple 2D shapes</li> <li>Can add and subtract amounts of money to give change using both £ and p</li> <li>Can add and subtract amounts of money to give change using both £ and p within the context of a problem</li> <li>Can measure and compare, add and subtract mass</li> <li>Can solve worded problems that involve adding and subtracting amounts of money to give change using both £ and p within the context of a problem</li> <li>Can measure and compare, add and subtract capacity (reading scales 1, 5, 10, 50, 100)</li> </ul>	<ul style="list-style-type: none"> <li>Can identify right angles and angles that are greater and less than a right angle</li> <li>Can describe 2D shapes using accurate language including: right angles, parallel, perpendicular, horizontal, vertical</li> <li>Can describe 3D shapes using accurate language including: edges, vertices, curved sides, faces</li> </ul>

### Block 3

Calculation	Measures	Geometry properties of shapes	Statistics
<ul style="list-style-type: none"> <li>• Can solve 2 step problems using addition and subtraction</li> <li>• Can write <math>\div</math> and <math>\times</math> statements for the 2, 5, 10, 3, 6, 4 and 8 times tables</li> <li>• Can solve simple TU <math>\times</math> U questions using times tables they know and using the expanded method</li> <li>• Can solve 1 and 2 step worded problems TU <math>\times</math> U questions using times tables they know and using the expanded method</li> <li>• Can solve missing number questions linked to times tables</li> <li>• Can solve missing number questions linked to mathematical statements e.g. <math>30 \times 4 = 20 \times ?</math></li> </ul>	<ul style="list-style-type: none"> <li>• Can tell the time to quarter past and to (analogue and digital)</li> <li>• Can tell the time to increments of 5 minutes (analogue and digital)</li> <li>• Can tell the time (analogue and digital)</li> <li>• Know the number of seconds in a minute, days in each month, year and leap year</li> <li>• Can recognise that 1 right angle is a quarter turn, 2 RA is a half turn. 3 RA is <math>\frac{3}{4}</math> turn and 4 RA = whole turn</li> </ul>	<ul style="list-style-type: none"> <li>• Can describe 2D shapes using accurate language including: right angles, parallel, perpendicular, horizontal, vertical</li> </ul>	<ul style="list-style-type: none"> <li>• Can interpret data using pictograms and solve 1 step problems</li> <li>• Can interpret data using pictograms and solve 2 step problems</li> </ul>

### Block 4

Calculation	Fractions & Decimals	Geometry properties of shapes	Statistics
<ul style="list-style-type: none"> <li>• Can derive related facts from times tables e.g. <math>6 \div 2 = 3</math> so <math>60 \div 2 = 30</math> and <math>2 \times 30 = 60</math> etc</li> <li>• Can solve simple TU <math>\div</math> U questions using the formal method</li> <li>• Can solve 1 step problems TU <math>\div</math> U questions using the formal method</li> <li>• Can solve missing number problems using times table and related division facts</li> </ul>	<ul style="list-style-type: none"> <li>• Can count up and down in tenths &amp; knows that tenths are formed by dividing a 1 digit or an object into 10 equal parts (by 10)</li> <li>• Can recognise and find fractions of a discrete set of objects (unit and non unit) <math>\frac{1}{2}</math>, <math>\frac{1}{3}</math>s, <math>\frac{1}{4}</math>s, <math>\frac{1}{5}</math>s, <math>\frac{1}{8}</math>s</li> <li>• Can compare and order unit fractions with the same denominator</li> <li>• Can recognise and find fractions of a shape (unit and non unit) <math>\frac{1}{2}</math>, <math>\frac{1}{3}</math>s, <math>\frac{1}{4}</math>s, <math>\frac{1}{5}</math>s, <math>\frac{1}{8}</math>s</li> <li>• Add unit fractions below 1 with the same denominator</li> <li>• Can solve simple problems that involve finding fractions of quantities</li> <li>• Can recognise and show using diagrams equivalent fractions with small denominators (<math>\frac{1}{2}</math> &amp; <math>\frac{1}{4}</math>s) and (<math>\frac{1}{4}</math>s and <math>\frac{1}{8}</math>s)</li> </ul>	<ul style="list-style-type: none"> <li>• Can describe 3D shapes using accurate language including: edges, vertices, curved sides, faces</li> </ul>	<ul style="list-style-type: none"> <li>• Can interpret data using bar graphs and solve 1 step problems</li> <li>• Can interpret data using bar graphs and solve 2 step problems</li> </ul>