



# Year 5

## Maths Curriculum Map

2023/24

Autumn 1						
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
<b>Place Value</b> <i>Pre-assessment for place value</i> <i>Pre-assessment for addition &amp; subtraction</i>	Roman numerals to 1,000 Numbers to 10,000 Numbers to 100,000 Numbers to 1,000,000 Read and write numbers to 1,000,000	Powers of 10 10/100/1,000/10,000/100,000 more or less Partition numbers to 1,000,000 Number line to 1,000,000 Compare and order numbers to 100,000	Compare and order numbers to 1,000,000 Round to the nearest 10, 100 or 1,000 Round within 100,000 Round within 1,000,000	<b>Pre-assessment for multiplication &amp; division A</b> <b>Addition &amp; Subtraction</b> Mental strategies Add whole numbers with more than four digits Subtract whole numbers with more than four digits	Round to check answers Inverse operations (addition and subtraction) Multi-step addition and subtraction problems Compare calculations <b>End of block assessment for place value</b> <i>Pre-assessment for fractions A</i>	Find missing numbers <b>Multiplication &amp; Division A</b> Multiples Common multiples
KIRF - Can I recall related multiplication facts?						

Autumn 2

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
<p>Factors</p> <p>Common factors</p> <p><b>End of block assessment for addition &amp; subtraction</b></p>	<p>Prime numbers</p> <p>Square numbers</p> <p>Cube numbers</p> <p>Multiply by 10, 100 and 1,000</p> <p>Divide by 10, 100 and 1,000</p>	<p>Multiples of 10, 100 and 1,000</p> <p><b>Fractions A</b></p> <p>Find fractions equivalent to a unit fraction</p> <p>Find fractions equivalent to a non-unit fraction</p> <p>Recognise equivalent fractions</p>	<p>Convert improper fractions to mixed numbers</p> <p>Convert mixed numbers to improper fractions</p> <p>Compare fractions less than 1</p> <p>Order fractions less than 1</p> <p>Compare and order fractions greater than 1</p>	<p>Add and subtract fractions with the same denominator</p> <p>Add fractions within 1</p> <p>Add fractions with total greater than 1</p> <p>Add to a mixed number</p> <p><b>End of block assessment for multiplication &amp; division A</b></p>	<p>Add two mixed numbers</p> <p>Subtract fractions</p> <p>Subtract from a mixed number</p> <p>Subtract from a mixed number - breaking the whole</p> <p>Subtract two mixed numbers</p>	<p><b>Multiplication &amp; Division B</b></p> <p>Multiply up to a 4-digit number by a 1-digit number</p> <p>Multiply a 2-digit number by a 2-digit number (area model)</p> <p>Step 3 Multiply a 2-digit number by a 2-digit number</p>	

KIRF - Can I recall the factor pairs of a given number?

Spring 1

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
<p><b>End of block assessment for fractions A</b></p> <p>Multiply a 3-digit number by a 2-digit number</p> <p>Multiply a 4-digit number by a 2-digit number</p>	<p>Solve problems with multiplication</p> <p>Short division</p> <p>Divide a 4-digit number by a 1-digit number</p> <p>Divide with remainders</p> <p>Efficient division</p>	<p><b>Pre-assessment for decimals &amp; percentages</b></p> <p>Solve problems with multiplication and division</p> <p>Multiplication &amp; division B problem solving</p> <p><b>Fractions B</b></p> <p>Multiply a unit fraction by an integer</p> <p>Multiply a non-unit fraction by an integer</p>	<p>Multiply a mixed number by an integer</p> <p>Calculate a fraction of a quantity</p> <p>Fraction of an amount</p> <p>Find the whole</p> <p>Use fractions as operators</p>	<p><b>Decimals &amp; Percentages</b></p> <p>Decimals up to 2 decimal places</p> <p>Equivalent fractions and decimals (tenths)</p> <p>Equivalent fractions and decimals (hundredths)</p> <p>Equivalent fractions and decimals</p> <p><b>End of block assessment for multiplication &amp; division (2)</b></p>	<p>Thousandths as fractions</p> <p>Thousandths as decimals</p> <p><b>End of block assessment for fractions B</b></p>
<p><b>KIRFs - Can I recall doubles and halves of all 2-digit numbers up to 50?</b></p>					

Spring 2

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
<p><b>Pre-assessment for perimeter &amp; area</b></p> <p>Thousandths on a place value chart</p> <p>Order and compare decimals (same number of decimal places)</p>	<p>Order and compare any decimals with up to 3 decimal places</p> <p>Round to the nearest whole number</p> <p>Round to 1 decimal place</p> <p>Understand percentages</p> <p>Percentages as fractions</p>	<p>Percentages as decimals</p> <p>Equivalent fractions, decimals and percentages</p> <p><b>Pre-assessment for statistics</b></p> <p><b>Perimeter &amp; Area</b></p> <p>Perimeter of rectangles</p> <p>Perimeter of rectilinear shapes</p>	<p>Perimeter of polygons</p> <p>Area of rectangles Area of compound shapes</p> <p>Estimate area</p> <p><b>Statistics</b></p> <p>Draw line graphs</p> <p>Read and interpret line graphs</p>	<p>Read and interpret tables</p> <p>Two-way tables</p> <p>Read and interpret timetables</p> <p><b>End of block assessment for decimals &amp; percentages</b></p> <p><b>Pre-assessment for shape</b></p>	<p><b>End of block assessment for perimeter &amp; area</b></p>
<p><b>KIRFs - Can I convert between percentages, decimals and fractions for <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{3}{4}</math>, tenths and hundredths?</b></p>					

Summer 1

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
<p><b>End of block assessment for statistics</b></p> <p><b>Pre-assessment for position &amp; direction</b></p> <p><b>Shape</b></p> <p>Understand and use degrees</p> <p>Classify angles</p>	<p>Estimate angles</p> <p>Measure angles up to 180</p> <p>Draw lines and angles accurately</p> <p>Calculate angles around a point</p> <p>Calculate angles on a straight line</p>	<p><b>Pre-assessment for decimals</b></p> <p>Lengths and angles in shapes</p> <p>Regular and irregular polygons</p> <p>3-D shapes</p> <p><b>Position &amp; Direction</b></p> <p>Read and plot coordinates</p>	<p>Problem solving with coordinates</p> <p>Translation</p> <p>Translation with coordinates</p> <p>Lines of symmetry</p> <p>Reflection in horizontal and vertical lines</p>	<p><b>Decimals</b></p> <p>Use known facts to add and subtract decimals within 1</p> <p>Complements to 1</p> <p>Add and subtract decimals across 1</p> <p>Add decimals with the same number of decimal places</p> <p><b>End of unit assessment for position &amp; direction</b></p> <p><b>End of unit assessment for shape</b></p>	<p>Subtract decimals with the same number of decimal places</p> <p>Add decimals with different numbers of decimal places</p> <p>Subtract decimals with different numbers of decimal places</p>
<p><b>KIRFs - Can I recall all decimal bonds to 1 and 10 (1 decimal place)?</b></p>					

Summer 2

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
<p><b>Pre-assessment for converting units</b></p> <p>Efficient strategies for adding and subtracting decimals</p> <p>Decimal sequences</p>	<p>Multiply by 10, 100 and 1,000</p> <p>Divide by 10, 100 and 1,000</p> <p>Multiply and divide decimals - missing values</p> <p><b>Negative Numbers</b></p> <p>Understand negative numbers</p> <p>Count through zero in 1s</p>	<p>Count through zero in multiples</p> <p>Compare and order negative numbers</p> <p>Find the difference</p> <p><b>Converting Units</b></p> <p>Kilograms and kilometres</p> <p><b>End of unit assessment for decimals</b></p>	<p>Millimetres and millilitres</p> <p>Convert units of length</p> <p>Convert between metric and imperial units</p> <p>Convert units of time</p> <p>Calculate with timetables</p>	<p><b>Volume</b></p> <p>Cubic centimetres</p> <p>Compare volume</p> <p>Estimate volume</p> <p>Estimate capacity</p> <p><b>End of unit assessment for negative numbers</b></p>	<p><b>End of unit assessment for converting units</b></p> <p><b>End of unit assessment for volume</b></p>

KIRFs - Can I recall all metric conversions?