



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number - Place Value including negative numbers (Y5 and Y6)	<p><b>Autumn Block 1: Place Value (within 10)</b></p> <ul style="list-style-type: none"> <li>Sort objects</li> <li>Count objects</li> <li>Count objects from a larger group</li> <li>Represent objects</li> <li>Recognise numbers as words</li> <li>Count on from any number</li> <li>1 more</li> <li>Count backwards within 10</li> <li>1 less</li> <li>Compare groups by matching</li> <li>Fewer, more, same</li> <li>Less than, greater than, equal to</li> <li>Compare numbers</li> <li>Order objects and numbers</li> </ul>	<p><b>Autumn Block 1: Place Value</b></p> <ul style="list-style-type: none"> <li>Numbers to 20</li> <li>Count objects to 100 by making 10s</li> <li>Recognise tens and ones</li> <li>Use a place value chart</li> <li>Partition numbers to 100</li> <li>Write numbers to 100 in words</li> <li>Flexibly partition numbers to 100</li> <li>Write numbers to 100 in expanded form</li> <li>10s on the number line to 100</li> <li>10s and 1s on the number line to 100</li> <li>Estimate numbers on a number line</li> <li>Compare objects</li> </ul>	<p><b>Autumn Block 1: Place Value</b></p> <ul style="list-style-type: none"> <li>Represent numbers to 100</li> <li>Partition numbers to 100</li> <li>Number line to 100</li> <li>Hundreds</li> <li>Represent numbers to 1,000</li> <li>Partition numbers to 1,000</li> <li>Flexible partitioning of numbers to 1,000</li> <li>Hundreds, tens and ones</li> <li>Find 1, 10 or 100 more or less</li> <li>Number line to 1,000</li> <li>Estimate on a number line to 1,000</li> <li>Compare numbers to 1,000</li> </ul>	<p><b>Autumn Block 1: Place Value</b></p> <ul style="list-style-type: none"> <li>Represent numbers to 1,000</li> <li>Partition numbers to 1,000</li> <li>Number line to 1,000</li> <li>Thousands</li> <li>Represent numbers to 10,000</li> <li>Partition numbers to 10,000</li> <li>Flexible partitioning of numbers to 10,000</li> <li>Find 1, 10, 100, 1,000 more or less</li> <li>Number line to 10,000</li> <li>Estimate on a number line to 10,000</li> <li>Compare numbers to 10,000</li> <li>Order numbers to 10,000</li> </ul>	<p><b>Autumn Block 1: Place Value</b></p> <ul style="list-style-type: none"> <li>Roman numerals to 1,000</li> <li>Numbers to 10,000</li> <li>Numbers to 100,000</li> <li>Numbers to 1,000,000</li> <li>Read and write numbers to 1,000,000</li> <li>Powers of 10</li> <li>10/100/1,000/10,000/100,000 more or less</li> <li>Partition numbers to 1,000,000</li> <li>Number line to 1,000,000</li> <li>Compare and order numbers to 100,000</li> <li>Compare and order numbers to 1,000,000</li> <li>Round to the nearest 10, 100 or 1,000</li> <li>Round within 100,000</li> <li>Round within 1,000,000</li> </ul> <p><b>Summer Block 4: Negative numbers</b></p> <ul style="list-style-type: none"> <li>Understand negative numbers</li> <li>Count through zero in 1s</li> </ul>	<p><b>Autumn Block 1: Place Value</b></p> <ul style="list-style-type: none"> <li>Numbers to 1,000,000</li> <li>Numbers to 10,000,000</li> <li>Read and write numbers to 10,000,000</li> <li>Powers of 10</li> <li>Number line to 10,000,000</li> <li>Compare and order any integers</li> <li>Round any integer</li> <li>Negative numbers</li> </ul>



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	<ul style="list-style-type: none"><li>• The number line</li></ul> <p><b>Spring Block 1: Place Value (within 20)</b></p> <ul style="list-style-type: none"><li>• Count within 20</li><li>• Understand 10</li><li>• Understand 11, 12 and 13</li><li>• Understand 14, 15 and 16</li><li>• Understand 17, 18 and 19</li><li>• Understand 20</li><li>• 1 more and 1 less</li><li>• The number line to 20</li><li>• Use a number line to 20</li><li>• Estimate on a number line to 20</li><li>• Compare numbers to 20</li><li>• Order numbers to 20</li></ul> <p><b>Spring Block 3: Place Value (within 50)</b></p>	<ul style="list-style-type: none"><li>• Compare numbers</li><li>• Order objects and numbers</li><li>• Count in 2s, 5s and 10s</li><li>• Count in 3s</li></ul>	<ul style="list-style-type: none"><li>• Order numbers to 1,000</li><li>• Count in 50s</li></ul>	<ul style="list-style-type: none"><li>• Order numbers to 10,000</li><li>• Roman numerals</li><li>• Round to the nearest 10</li><li>• Round to the nearest 100</li><li>• Round to the nearest 1,000</li><li>• Round to the nearest 10, 100 or 1,000</li></ul>	<ul style="list-style-type: none"><li>• Count through zero in multiples</li><li>• Compare and order negative numbers</li></ul> <p>Find the difference</p>	



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	<ul style="list-style-type: none"><li>• Count from 20 to 50</li><li>• 20, 30,40 and 50</li><li>• Count by making groups of tens</li><li>• Groups of tens and ones</li><li>• Partition into tens and ones</li><li>• The number line to 50</li><li>• Estimate on a number line to 50</li><li>• 1 more, 1 less</li></ul> <p><b>Summer Block 4:</b> <b>Place Value</b> <b>(within 100)</b></p> <ul style="list-style-type: none"><li>• Count from 50 to 100</li><li>• Tens to 100</li><li>• Partition into tens and ones</li><li>• The number line to 100</li><li>• 1 more, 1 less</li><li>• Compare numbers with the same number of tens</li></ul>					



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	<ul style="list-style-type: none"> <li>• Compare any two numbers</li> <li>•</li> </ul>					
Number - Addition and subtraction	<p><b>Autumn Block 2: Addition and Subtraction (within 10)</b></p> <ul style="list-style-type: none"> <li>• Introduce parts and wholes</li> <li>• Part-whole models</li> <li>• Write number sentences</li> <li>• Fact families – addition facts</li> <li>• Number bonds within 10</li> <li>• Systematic number bonds within 10</li> <li>• Number bonds to 10</li> <li>• Addition – add together</li> <li>• Addition – add more</li> <li>• Addition problems</li> </ul>	<p><b>Autumn Block 2: Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>• Bonds to 10</li> <li>• Fact families – addition and subtraction bonds within 20</li> <li>• Related facts</li> <li>• Bonds to 100 (tens)</li> <li>• Add and subtract 1s</li> <li>• Add by making 10</li> <li>• Add three 1-digit numbers</li> <li>• Add to the next 10</li> <li>• Add across a 10</li> <li>• Subtract across a 10</li> <li>• Subtract from a 10</li> </ul>	<p><b>Autumn Block 2: Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>• Apply number bonds within 10</li> <li>• Add and subtract 1s</li> <li>• Add and subtract 10s</li> <li>• Add and subtract 100s</li> <li>• Sport the pattern</li> <li>• Add 1s across a 10</li> <li>• Add 10s across a 100</li> <li>• Subtract 1s across a 19</li> <li>• Subtract 10s across a 100</li> <li>• Make connections</li> <li>• Add two numbers (no exchange)</li> </ul>	<p><b>Autumn Block 2: Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>• Add and subtract 1s, 10s, 100s and 1,000s</li> <li>• Add up to two 4-digit numbers – no exchange</li> <li>• Add two 4-digit numbers – one exchange</li> <li>• Add two 4-digit number – more than one exchange</li> <li>• Subtract two 4-digit numbers – no exchange</li> <li>• Subtract two 4-digit numbers – one exchange</li> <li>• Subtract two 4-digit numbers – more than one exchange</li> </ul>	<p><b>Autumn Block 2: Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>• Mental strategies</li> <li>• Add whole numbers with more than four digits</li> <li>• Subtract whole numbers with more than four digits</li> <li>• Round to check answers</li> <li>• Inverse operations (addition and subtraction)</li> <li>• Multi-step addition and subtractions problems</li> <li>• Compare calculations</li> <li>Find missing numbers</li> </ul>	<p><b>Autumn Block 2: Addition, Subtraction, Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>• Add and subtract integers</li> <li>• Common factors</li> <li>• Common multiples</li> <li>• Rules of divisibility</li> <li>• Primes to 100</li> <li>• Square and cube numbers</li> <li>• Multiply up to a 4-digit number by a 2-digit number</li> <li>• Solve problems with multiplication</li> <li>• Short division</li> </ul>



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	<ul style="list-style-type: none"> <li>• Find a part</li> <li>• Subtraction – find a part</li> <li>• Fact families – the eight facts</li> <li>• Subtraction – take away/cross out (How many left?)</li> <li>• Subtraction – take away (How many left?)</li> <li>• Subtraction on a number line</li> <li>• Add or subtract 1 or 2</li> <li><b>Spring Block 2: Addition and Subtraction (within 20)</b></li> <li>• Add by counting on within 20</li> <li>• Add ones using number bonds</li> <li>• Find and make number bonds to 20</li> <li>• Doubles</li> <li>• Near doubles</li> </ul>	<ul style="list-style-type: none"> <li>• Subtract a 1-digit number from a 2-digit number (across a 10)</li> <li>• 10 more, 10 less</li> <li>• Add and subtract 10s</li> <li>• Add two 2-digit numbers (not across a 10)</li> <li>• Add two 2-digit numbers (across a 10)</li> <li>• Subtract two 2-digit numbers (not across a 10)</li> <li>• Subtract two 2-digit numbers (across a 10)</li> <li>• Mixed addition and subtraction</li> <li>• Compare number sentences</li> <li>• Missing number problems</li> </ul>	<ul style="list-style-type: none"> <li>• Subtract two numbers (no exchange)</li> <li>• Add two numbers (across a 10)</li> <li>• Add two numbers (across a 100)</li> <li>• Subtract two numbers (across a 10)</li> <li>• Subtract two numbers (across a 100)</li> <li>• Add 2-digit and 3-digit numbers</li> <li>• Subtract a 2-digit number from a 3-digit number</li> <li>• Complements to 100</li> <li>• Estimate answer</li> <li>• Inverse operations</li> <li>• Make decisions</li> </ul>	<ul style="list-style-type: none"> <li>• Efficient subtraction</li> <li>• Estimate answers</li> <li>• Checking strategies</li> </ul>		<ul style="list-style-type: none"> <li>• Division using factors</li> <li>• Introduction to long division</li> <li>• Long division with remainders</li> <li>• Solve problems with division</li> <li>• Solve multi-step problems</li> <li>• Order of operations</li> <li>• Mental calculations and estimation</li> <li>• Reason from known facts</li> </ul>



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	<ul style="list-style-type: none"> <li>• Subtract ones using number bonds</li> <li>• Subtraction – counting back</li> <li>• Subtraction – finding the difference</li> <li>• Related facts</li> <li>• Missing number problems</li> </ul>					
Number - Multiplication and division	<p><b>Summer Block 1: Multiplication and division</b></p> <ul style="list-style-type: none"> <li>• Count in 2s</li> <li>• Count in 10s</li> <li>• Count in 5s</li> <li>• Recognise equal groups</li> <li>• Add equal groups</li> <li>• Make arrays</li> <li>• Make doubles</li> <li>• Make equal groups – grouping</li> </ul>	<p><b>Spring Block 2: Multiplication and division</b></p> <ul style="list-style-type: none"> <li>• Recognise equal groups</li> <li>• Make equal groups</li> <li>• Add equal groups</li> <li>• Introduce the multiplication symbol</li> <li>• Multiplication sentences</li> <li>• Use arrays</li> </ul>	<p><b>Autumn Block 3: Multiplication and division A</b></p> <ul style="list-style-type: none"> <li>• Multiplication – equal groups</li> <li>• Use arrays</li> <li>• Multiples of 2</li> <li>• Multiples of 5 and 10</li> <li>• Sharing and grouping</li> <li>• Multiply by 3</li> <li>• Divide by 3</li> <li>• The 3 times-tables</li> <li>• Multiply by 4</li> </ul>	<p><b>Autumn Block 4: Multiplication and division A</b></p> <ul style="list-style-type: none"> <li>• Multiples of 3</li> <li>• Multiply and divide by 6</li> <li>• 6 times-tables and division facts</li> <li>• Multiply and divide by 9</li> <li>• 9 times-table and division facts</li> <li>• The 3, 6 and 9 times-tables</li> <li>• Multiply and divide by 7</li> </ul>	<p><b>Autumn Block 3: Multiplication and division A</b></p> <ul style="list-style-type: none"> <li>• Multiples</li> <li>• Common multiples</li> <li>• Factors</li> <li>• Common factors</li> <li>• Prime numbers</li> <li>• Square numbers</li> <li>• Cube numbers</li> <li>• Multiply by 10, 100 and 1,000</li> <li>• Divide by 10, 100 and 1,000</li> </ul> <p><b>Spring Block 1: Multiplication and division B</b></p>	



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	<ul style="list-style-type: none"> <li>• Make equal groups – sharing</li> </ul>	<ul style="list-style-type: none"> <li>• Make equal groups – grouping</li> <li>• Make equal groups – sharing</li> <li>• The 2 times-tables</li> <li>• Divide by 2</li> <li>• Doubling and halving</li> <li>• Odd and even numbers</li> <li>• The 10 times-tables</li> <li>• Divide by 10</li> <li>• The 5 times-tables</li> <li>• Divide by 5</li> <li>• The 5 and 10 times-tables</li> </ul>	<ul style="list-style-type: none"> <li>• Divide by 4</li> <li>• The 4 times-tables</li> <li>• Multiply by 8</li> <li>• Divide by 8</li> <li>• The 8 times-table</li> <li>• The 2, 4 and 8 times-tables</li> </ul> <p><b>Spring Block 1: Multiplication and division B</b></p> <ul style="list-style-type: none"> <li>• Multiples of 10</li> <li>• Related calculations</li> <li>• Reasoning about multiplication</li> <li>• Multiply a 2-digit number by a 1-digit number - no exchange</li> <li>• Multiply a 2-digit number by a 1-digit number – with exchange</li> <li>• Link multiplication and division</li> <li>• Divide a 2-digit number by a 1-digit number – no exchange</li> </ul>	<ul style="list-style-type: none"> <li>• 7 times-tables and division facts</li> <li>• 11 times-tables and division facts</li> <li>• 12 times-tables and division facts</li> <li>• Multiply by 1 and 0</li> <li>• Divide a number by 1 and itself</li> <li>• Multiply three numbers</li> </ul> <p><b>Spring Block 1: Multiplication and division B</b></p> <ul style="list-style-type: none"> <li>• Factor pairs</li> <li>• Use factor pairs</li> <li>• Multiply by 10</li> <li>• Multiply by 100</li> <li>• Divide by 10</li> <li>• Divide by 100</li> <li>• Related facts – multiplication and division</li> <li>• Information written methods for multiplication</li> <li>• Multiply a 2-digit number by a 1-digit number</li> </ul>	<ul style="list-style-type: none"> <li>• Multiply up to a 4-digit number by a 1-digit number</li> <li>• Multiply a 2-digit number by a 2-digit number (area model)</li> <li>• Multiply a 2-digit number by a 2-digit number</li> <li>• Multiply a 3-digit number by a 2-digit number</li> <li>• Multiply a 4-digit number by a 2-digit number</li> <li>• Solve problems with multiplication</li> <li>• Short division</li> <li>• Divide a 4-digit number by a 1-digit number</li> <li>• Divide with remainders</li> <li>• Efficient division</li> </ul> <p>Solve problems with multiplication and division</p>	



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
			<ul style="list-style-type: none"> <li>• Divide a 2-digit number by a 1-digit number – flexible partitioning</li> <li>• Divide a 2-digit number by a 1-digit number – with remainders</li> <li>• Scaling</li> </ul> How many ways?	<ul style="list-style-type: none"> <li>• Multiply a 3-digit number by a 1-digit number</li> <li>• Correspondence problems</li> </ul> Efficient multiplication		
Number – Fractions	<b>Summer Block 2: Fractions</b> <ul style="list-style-type: none"> <li>• Recognise half of an object or shape</li> <li>• Find a half of an object or a shape</li> <li>• Recognise a half of a quantity</li> <li>• Find a half of a quantity</li> <li>• Recognise a quarter of an object or a shape</li> <li>• Find a quarter of an object or a shape</li> <li>• Recognise a quarter of a quantity</li> </ul>	<b>Summer Block 1: Fractions</b> <ul style="list-style-type: none"> <li>• Introduction to parts and whole</li> <li>• Equal and unequal parts</li> <li>• Recognise a half</li> <li>• Find a half</li> <li>• Recognise a quarter</li> <li>• Find a quarter</li> <li>• Recognise a third</li> <li>• Find a third</li> <li>• Find the whole</li> <li>• Unit fractions</li> <li>• Non-unit fractions</li> <li>• Recognise the equivalence of a</li> </ul>	<b>Spring Block 3: Fractions A</b> <ul style="list-style-type: none"> <li>• Understand the denominators of unit fractions</li> <li>• Compare and order unit fractions</li> <li>• Understand the numerators of non-unit fractions</li> <li>• Understand the whole</li> <li>• Compare and order non-unit fractions</li> <li>• Fractions and scales</li> <li>• Fractions on a number line</li> </ul>	<b>Spring Block 3: Fractions</b> <ul style="list-style-type: none"> <li>• Understand the whole</li> <li>• Count beyond 1</li> <li>• Partition a mixed number</li> <li>• Number lines with mixed numbers</li> <li>• Compare and order mixed numbers</li> <li>• Understand improper fractions</li> <li>• Convert mixed numbers to improper fractions</li> </ul>	<b>Autumn Block 4: Fractions A</b> <ul style="list-style-type: none"> <li>• Find fractions equivalent to a unit fraction</li> <li>• Find fractions equivalent to a non-unit fraction</li> <li>• Recognise equivalent fractions</li> <li>• Convert improper fractions to mixed numbers</li> <li>• Convert mixed numbers to improper fractions</li> <li>• Compare fractions less than 1</li> <li>• Order fractions less than 1</li> </ul>	<b>Autumn Block 3: Fractions A</b> <ul style="list-style-type: none"> <li>• Equivalent fractions and simplifying</li> <li>• Equivalent fractions on a number line</li> <li>• Compare and order (denominator)</li> <li>• Compare and order (numerator)</li> <li>• Add and subtract simple fractions</li> <li>• Add and subtract any two fractions</li> <li>• Add mixed numbers</li> </ul>





	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Find a quarter of a quantity	half and two quarters <ul style="list-style-type: none"> <li>Recognise three-quarters</li> <li>Find three-quarters</li> <li>Count in fractions up to a whole</li> </ul>	<ul style="list-style-type: none"> <li>Count in fractions on a number line</li> <li>Equivalent fractions on a number line</li> <li>Equivalent fractions as bar models</li> </ul> <p><b>Summer Block 1: Fractions B</b></p> <ul style="list-style-type: none"> <li>Add fractions</li> <li>Subtract fractions</li> <li>Partition the whole</li> <li>Unit fractions of a set of objects</li> <li>Non-unit fractions of a set of objects</li> <li>Reasoning with fractions of an amount</li> </ul>	<ul style="list-style-type: none"> <li>Convert improper fractions to mixed numbers</li> <li>Equivalent fractions on a number line</li> <li>Equivalent fraction families</li> <li>Add two or more fractions</li> <li>Add fractions and mixed numbers</li> <li>Subtract two fractions</li> <li>Subtract from whole amounts</li> <li>Subtract them from mixed numbers</li> </ul>	<ul style="list-style-type: none"> <li>Compare and order fractions greater than 1</li> <li>Add and subtract fractions with the same denominator</li> <li>Add fractions within 1</li> <li>Add fractions with total greater than 1</li> <li>Add to a mixed number</li> <li>Add two mixed numbers</li> <li>Subtract fractions</li> <li>Subtract from a mixed number</li> <li>Subtract from a mixed number – breaking the whole</li> <li>Subtract two mixed numbers</li> </ul> <p><b>Spring Block 2: Fractions B</b></p> <ul style="list-style-type: none"> <li>Multiply a unit fraction by an integer</li> <li>Multiply a non-unit fraction by an integer</li> <li>Multiply a mixed number by an integer</li> </ul>	<ul style="list-style-type: none"> <li>Subtract mixed numbers</li> <li>Multi-step problems</li> </ul> <p><b>Autumn Block 4: Fractions B</b></p> <ul style="list-style-type: none"> <li>Multiply fractions by integers</li> <li>Multiply fractions by fractions</li> <li>Divide a fraction by an integer</li> <li>Divide any fraction by an integer</li> <li>Mixed questions with fractions</li> <li>Fraction of an amount</li> <li>Fraction of an amount – find the whole</li> </ul> <p><b>Spring Block 4: Fractions, decimals and percentages</b></p> <ul style="list-style-type: none"> <li><i>Decimal and fraction equivalents</i></li> </ul>



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
					<ul style="list-style-type: none"> <li>• Calculate a fraction of a quantity</li> <li>• Fraction of an amount</li> <li>• Find the whole</li> </ul> Use fractions as operators	<ul style="list-style-type: none"> <li>• <i>Fractions as division</i></li> <li>• <i>Understand percentages</i></li> <li>• <i>Fractions to percentages</i></li> <li>• <i>Equivalent fractions, decimals and percentages</i></li> <li>• <i>Order fractions, decimals and percentages</i></li> </ul> <i>**These steps are included within a larger block.</i>
Number – decimals and percentages				<b>Spring Block 4: Decimals A</b> <ul style="list-style-type: none"> <li>• Tenths as fractions</li> <li>• Tenths as decimals</li> <li>• Tenths on a place value chart</li> <li>• Tenths on a number line</li> <li>• Divide a 1-digit number by 10</li> <li>• Divide a 2-digit number by 10</li> </ul>	<b>Spring Block 3: Decimals and percentages</b> <ul style="list-style-type: none"> <li>• Decimals up to 2 decimal places</li> <li>• Equivalent fractions and decimals (tenths)</li> <li>• Equivalent fractions and decimals (hundredths)</li> <li>• Equivalent fractions and decimals</li> <li>• Thousandths as fractions</li> </ul>	<b>Spring Block 3: Decimals</b> <ul style="list-style-type: none"> <li>• Place value within 1</li> <li>• Place value – integers and decimals</li> <li>• Round decimals</li> <li>• Add and subtract decimals</li> <li>• Multiply by 10, 100 and 1,000</li> <li>• Divide by 10, 100 and 1,000</li> </ul>



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
				<ul style="list-style-type: none"> <li>• Hundredths as fractions</li> <li>• Hundredths as decimals</li> <li>• Hundredths on a place value chart</li> <li>• Divide a 1- or 2-digit number by 100</li> </ul> <p><b>Summer Block 1: Decimals B</b></p> <ul style="list-style-type: none"> <li>• Make a whole with tenths</li> <li>• Make a whole with hundredths</li> <li>• Partition decimals</li> <li>• Flexibly partition decimals</li> <li>• Compare decimals</li> <li>• Order decimals</li> <li>• Round to the nearest whole number</li> <li>• Halves and quarters as decimals</li> </ul>	<ul style="list-style-type: none"> <li>• Thousandths as decimals</li> <li>• Thousandths on a place value chart</li> <li>• Order and compare decimals (same number of decimal places)</li> <li>• Order and compare any decimals with up to 3 decimal places</li> <li>• Round to the nearest whole number</li> <li>• Round to 1 decimal place</li> <li>• Understand percentages</li> <li>• Percentages as fractions</li> <li>• Percentages as decimals</li> <li>• Equivalent fractions, decimals and percentages</li> </ul> <p><b>Summer Block 3: Decimals</b></p> <ul style="list-style-type: none"> <li>• Use known facts to add and subtract decimals within 1</li> <li>• Complements to 1</li> </ul>	<ul style="list-style-type: none"> <li>• Multiply decimals by integers</li> <li>• Divide decimals by integers</li> <li>• Multiply and divide decimals in context</li> </ul> <p><b>Spring Block 4: Fractions, decimals and percentages</b></p> <ul style="list-style-type: none"> <li>• Decimal and fraction equivalents</li> <li>• Fractions as division</li> <li>• Understand percentages</li> <li>• Fractions to percentages</li> <li>• Equivalent fractions, decimals and percentages</li> <li>• Order fractions, decimals and percentages</li> <li>• Percentage of an amount – one step</li> </ul>



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
					<ul style="list-style-type: none"> <li>• Add and subtract decimals across 1</li> <li>• Add decimals with the same number of decimal places</li> <li>• Subtract decimals with the same number of decimal places</li> <li>• Add decimals with different numbers of decimal places</li> <li>• Subtract decimals with different numbers of decimal places</li> <li>• Efficient strategies for adding and subtracting decimals</li> <li>• Decimal sequences</li> <li>• Multiply by 10, 100 and 1,000</li> </ul> Multiply and divide decimals – missing values	<ul style="list-style-type: none"> <li>• Percentage of an amount – multi-step</li> <li>• Percentages – missing values</li> </ul>
Measurement Length and Height Perimeter and Area	<b>Spring Block 4:            Length and Height</b> <ul style="list-style-type: none"> <li>• Compare lengths and heights</li> <li>• Measure length using objects</li> </ul>	<b>Spring Block 3:            Length and height</b> <ul style="list-style-type: none"> <li>• Measure in centimetres</li> <li>• Measure in metres</li> </ul>	<b>Spring Block 2:            Length and perimeter</b> <ul style="list-style-type: none"> <li>• Measure in metres and centimetres</li> </ul>	<b>Autumn Block 3:            Area</b> <ul style="list-style-type: none"> <li>• What is area?</li> <li>• Count squares</li> <li>• Make shapes</li> <li>• Compare areas</li> </ul>	<b>Spring Block 4:            Perimeter and area</b> <ul style="list-style-type: none"> <li>• Perimeter of rectangles</li> <li>• Perimeter of rectilinear shapes</li> </ul>	<b>Autumn Block 5:            Converting Units</b> <ul style="list-style-type: none"> <li>• Metric measures</li> <li>• Convert metric measures</li> </ul>



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>Mass, capacity and volume</p> <p>Converting units (Y5 and Y6)</p> <p>Area, perimeter and volume (Y6)</p>	<ul style="list-style-type: none"> <li>• Measure length in centimetres</li> </ul> <p><b>Spring Block 5: Mass and volume</b></p> <ul style="list-style-type: none"> <li>• Heavier and lighter</li> <li>• Measure mass</li> <li>• Compare mass</li> <li>• Full and empty</li> <li>• Compare volume</li> <li>• Measure capacity</li> <li>• Compare capacity</li> </ul>	<ul style="list-style-type: none"> <li>• Compare lengths and heights</li> <li>• Order lengths and heights</li> <li>• Four operations with lengths and heights</li> </ul> <p><b>Spring Block 3: Mass, capacity and temperature</b></p> <ul style="list-style-type: none"> <li>• Compare mass</li> <li>• Measure in grams</li> <li>• Measure in kilograms</li> <li>• Four operations with mass</li> <li>• Compare volume and capacity</li> <li>• Measure in millilitres</li> <li>• Measure in litres</li> <li>• Four operations with volume and capacity</li> <li>• Temperature</li> </ul>	<ul style="list-style-type: none"> <li>• Measure in millimetres</li> <li>• Measure in centimetres and millimetres</li> <li>• Metres, centimetres and millimetres</li> <li>• Equivalent lengths (metres and centimetres)</li> <li>• Equivalent lengths (centimetres and millimetres)</li> <li>• Compare lengths</li> <li>• Add lengths</li> <li>• Subtract lengths</li> <li>• What is perimeter?</li> <li>• Measure perimeter</li> <li>• Calculate perimeter</li> </ul> <p><b>Spring Block 4: Mass and capacity</b></p> <ul style="list-style-type: none"> <li>• Use scales</li> <li>• Measure mass in grams</li> <li>• Measure mass in kilograms and grams</li> </ul>	<p><b>Spring Block 2: Length and Perimeter</b></p> <ul style="list-style-type: none"> <li>• Measure in kilometres and metres</li> <li>• Equivalent lengths (kilometres and metres)</li> <li>• Perimeter on a grid</li> <li>• Perimeter on a rectangle</li> <li>• Perimeter of rectilinear shapes</li> <li>• Find missing lengths in rectilinear shapes</li> <li>• Calculate the perimeter of rectilinear shapes</li> <li>• Perimeter of regular polygons</li> <li>• Perimeter of polygons</li> </ul>	<ul style="list-style-type: none"> <li>• Perimeter of polygons</li> <li>• Area of rectangles</li> <li>• Area of compound shapes</li> </ul> <p>Estimate area</p> <p><b>Summer Block 5: Converting units</b></p> <ul style="list-style-type: none"> <li>• Kilograms and kilometres</li> <li>• Millimetres and millilitres</li> <li>• Convert units of length</li> <li>• Convert between metric and imperial units</li> <li>• Convert units of time</li> <li>• Calculate with timetables</li> </ul> <p><b>Summer Block 6: Volume</b></p> <ul style="list-style-type: none"> <li>• Cubic centimetres</li> <li>• Compare volume</li> <li>• Estimate volume</li> <li>• Estimate capacity</li> </ul>	<ul style="list-style-type: none"> <li>• Calculate with metric measures</li> <li>• Miles and kilometres</li> <li>• Imperial measures</li> </ul> <p><b>Spring Block 5: Area, perimeter and volume</b></p> <ul style="list-style-type: none"> <li>• Shapes – same area</li> <li>• Area and perimeter</li> <li>• Area of a triangle – counting squares</li> <li>• Area of a right-angled triangle</li> <li>• Area of any triangle</li> <li>• Area of a parallelogram</li> <li>• Volume – counting cubes</li> <li>• Volume of a cuboid</li> </ul>



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
			<ul style="list-style-type: none"> <li>• Equivalent masses (kilograms and grams)</li> <li>• Compare mass</li> <li>• Add and subtract mass</li> <li>• Measure capacity and volume in millilitres</li> <li>• Measure capacity and volume in litres and millilitres</li> <li>• Equivalent capacities and volumes (litres and millilitres)</li> <li>• Compare capacity and volume</li> <li>• Add and subtract capacity and volume</li> </ul>			
Measurement - Money	<p><b>Summer Block 5: Money</b></p> <ul style="list-style-type: none"> <li>• Unitising</li> <li>• Recognise coins</li> <li>• Recognise notes</li> </ul> <p>Count in coins</p>	<p><b>Spring Block 1: Money</b></p> <ul style="list-style-type: none"> <li>• Count money – pence</li> <li>• Count money – pounds (notes and coins)</li> </ul>	<p><b>Summer Block 2: Money</b></p> <ul style="list-style-type: none"> <li>• Pounds and pence</li> <li>• Convert pounds and pence</li> <li>• Add money</li> <li>• Subtract money</li> </ul>	<p><b>Summer Block 2: Money</b></p> <ul style="list-style-type: none"> <li>• Write money using decimals</li> <li>• Convert between pounds and pence</li> </ul>		



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		<ul style="list-style-type: none"> <li>Count money – pounds and pence</li> <li>Choose notes and coins</li> <li>Make the same amount</li> <li>Compare amounts of money</li> <li>Calculate with money</li> <li>Make a pound</li> <li>Find change</li> <li>Two-step problems</li> </ul>	<ul style="list-style-type: none"> <li>Find change</li> </ul>	<ul style="list-style-type: none"> <li>Compare amounts of money</li> <li>Estimate with money</li> <li>Calculate with money</li> <li>Solve problems with money</li> </ul>		
Measurement – time	<p><b>Summer Block 6: Time</b></p> <ul style="list-style-type: none"> <li>Before and after</li> <li>Days of the week</li> <li>Months of the year</li> <li>Hours, minutes and seconds</li> <li>Tell the time to the hour</li> <li>Tell the time to the half hour</li> </ul>	<p><b>Summer Block 2: Time</b></p> <ul style="list-style-type: none"> <li>O'clock and half past</li> <li>Quarter past and quarter to</li> <li>Tell time past the hour</li> <li>Tell time to the hour</li> <li>Tell the time to 5 minutes</li> </ul>	<p><b>Summer Block 3: Time</b></p> <ul style="list-style-type: none"> <li>Roman numerals to 12</li> <li>Tell the time to 5 minutes</li> <li>Tell the time to the minute</li> <li>Read time on a digital clock</li> <li>Use a.m. and p.m.</li> <li>Years, months and days</li> </ul>	<p><b>Summer Block 3: Time</b></p> <ul style="list-style-type: none"> <li>Years, months, weeks and days</li> <li>Hours, minutes and seconds</li> <li>Convert between analogue and digital times</li> <li>Convert to the 24 hour clock</li> <li>Convert from the 24 hour clock</li> </ul>	<p><b>Summer Block 5: Converting units</b></p> <ul style="list-style-type: none"> <li><i>Convert units of time</i></li> <li><i>Calculate with timetables</i></li> </ul> <p><i>**These steps are included within a larger block.</i></p>	



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		<ul style="list-style-type: none"> <li>• Minutes in an hour</li> <li>• Hours in a day</li> </ul>	<ul style="list-style-type: none"> <li>• Days and hours</li> <li>• Hours and minutes – use start and end times</li> <li>• Hours and minutes – use durations</li> <li>• Minutes and seconds</li> <li>• Units of time</li> <li>• Solve problems with time</li> </ul>			
Shape	<p><b>Autumn Block 3: Shape</b></p> <ul style="list-style-type: none"> <li>• Recognise and name 3-D shapes</li> <li>• Sort 3-D shapes</li> <li>• Recognise and name 2-D shapes</li> <li>• Sort 2-D shapes</li> <li>• Patterns with 2-D and 3-D shapes</li> </ul>	<p><b>Autumn Block 3: Shape</b></p> <ul style="list-style-type: none"> <li>• Recognise 2-D and 3-D shapes</li> <li>• Count sides on 2-D shapes</li> <li>• Count vertices on 2-D shapes</li> <li>• Draw 2-D shapes</li> <li>• Lines of symmetry on shapes</li> <li>• Use lines of symmetry to complete shapes</li> <li>• Sort 2-D shapes</li> </ul>	<p><b>Summer Block 4: Shape</b></p> <ul style="list-style-type: none"> <li>• Turns and angles</li> <li>• Right angles</li> <li>• Compare angles</li> <li>• Measure and draw accurately</li> <li>• Horizontal and vertical</li> <li>• Parallel and perpendicular</li> <li>• Recognise and describe 2-D shapes</li> <li>• Draw polygons</li> <li>• Recognise and describe 3-D shapes</li> </ul>	<p><b>Summer Block 4: Shape</b></p> <ul style="list-style-type: none"> <li>• Understand angles as turns</li> <li>• Identify angles</li> <li>• Compare and order angles</li> <li>• Triangles</li> <li>• Quadrilaterals</li> <li>• Polygons</li> <li>• Line of symmetry</li> <li>• Complete a symmetric figure</li> </ul>	<p><b>Summer Block 1: Shape</b></p> <ul style="list-style-type: none"> <li>• Understand and use degrees</li> <li>• Classify angles</li> <li>• Estimate angles</li> <li>• Measure angles up to 180°</li> <li>• Draw lines and angles accurately</li> <li>• Calculate angles around a point</li> <li>• Calculate angles on a straight line</li> <li>• Lengths and angles in shapes</li> <li>• Regular and irregular polygons</li> </ul> <p>3-D shapes</p>	<p><b>Summer Block 1: Shape</b></p> <ul style="list-style-type: none"> <li>• Measure and Classify angles</li> <li>• Calculate angles</li> <li>• Vertically opposite angles</li> <li>• Angles in a triangle</li> <li>• Angles in a triangle – special cases</li> <li>• Angles in a triangle – missing angles</li> </ul>





	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		<ul style="list-style-type: none"> <li>Count faces on 3-D shapes</li> <li>Count edges on 3-D shapes</li> <li>Count vertices on 3-D shapes</li> <li>Sort 3-D shapes</li> <li>Make patterns with 2-D and 3-D shapes</li> </ul>	<ul style="list-style-type: none"> <li>Made 3-D shapes</li> </ul>			<ul style="list-style-type: none"> <li>Angles in quadrilaterals</li> <li>Angles in polygons</li> <li>Circles</li> <li>Draw shapes accurately</li> <li>Nets of 3-D shapes</li> </ul>
Geometry – Position and Direction	<p><b>Summer Block 3: Position and direction</b></p> <ul style="list-style-type: none"> <li>Describe turns</li> <li>Describe positions – left and right</li> <li>Describe position – forwards and backwards</li> <li>Describe position – above and below</li> <li>Ordinal numbers</li> </ul>	<p><b>Summer Block 4: Position and direction</b></p> <ul style="list-style-type: none"> <li>Language of position</li> <li>Describe movement</li> <li>Describe turns</li> <li>Describe movement and turns</li> <li>Shape patterns with turns</li> </ul>		<p><b>Summer Block 6: Position and direction</b></p> <ul style="list-style-type: none"> <li>Describe position using coordinates</li> <li>Plot coordinates</li> <li>Draw 2-D shapes on a grid</li> <li>Translate on a grid</li> <li>Describe translation on a grid</li> </ul>	<p><b>Summer Block 2: Position and direction</b></p> <ul style="list-style-type: none"> <li>Read and plot coordinates</li> <li>Problem solving with coordinates</li> <li>Translation</li> <li>Translation with coordinates</li> <li>Lines of symmetry</li> <li>Reflection in horizontal and vertical lines</li> </ul>	<p><b>Summer Block 2: Position and direction</b></p> <ul style="list-style-type: none"> <li>The first quadrant</li> <li>Read and plot points in four quadrants</li> <li>Solve problems with coordinates</li> <li>Translations</li> <li>Reflections</li> </ul>
Statistics		<p><b>Summer Block 3: Statistics</b></p> <ul style="list-style-type: none"> <li>Make tally charts</li> <li>Tables</li> </ul>	<p><b>Summer Block 5: Statistics</b></p> <ul style="list-style-type: none"> <li>Interpret pictograms</li> </ul>	<p><b>Summer Block 5: Statistics</b></p> <ul style="list-style-type: none"> <li>Interpret charts</li> </ul>	<p><b>Spring Block 5: Statistics</b></p> <ul style="list-style-type: none"> <li>Draw line graphs</li> </ul>	<p><b>Spring Block 6: Statistics</b></p> <ul style="list-style-type: none"> <li>Line graphs</li> <li>Dual bar charts</li> </ul>



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		<ul style="list-style-type: none"> <li>• Block diagrams</li> <li>• Draw pictograms (1-1)</li> <li>• Interpret pictograms (1-1)</li> <li>• Draw pictograms (2, 5 and 10)</li> <li>• Interpret pictograms (2, 5 and 10)</li> </ul>	<ul style="list-style-type: none"> <li>• Draw pictograms</li> <li>• Interpret bar charts</li> <li>• Draw bar charts</li> <li>• Collect and represent data</li> <li>• Two-way tables</li> </ul>	<ul style="list-style-type: none"> <li>• Comparison, sum and difference</li> <li>• Interpret line graphs</li> <li>• Draw line graphs</li> </ul>	<ul style="list-style-type: none"> <li>• Read and interpret line graphs</li> <li>• Read and interpret tables</li> <li>• Two-way tables</li> <li>• Read and interpret timetables</li> </ul>	<ul style="list-style-type: none"> <li>• Read and interpret pie charts</li> <li>• Pie charts with percentages</li> <li>• Draw pie charts</li> <li>• The mean</li> </ul>
Ratio						<b>Spring Block 1: Ratio</b> <ul style="list-style-type: none"> <li>• Add or multiply?</li> <li>• Use ratio language</li> <li>• Introduction to the ratio symbol</li> <li>• Ratio and fractions</li> <li>• Scale drawings</li> <li>• Use scale factors</li> <li>• Similar shapes</li> <li>• Ratio problems</li> <li>• Proportion problems</li> <li>• Recipes</li> </ul>
Algebra						<b>Spring Block 2: Algebra</b>

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
						<ul style="list-style-type: none"> <li>• 1-step function machines</li> <li>• 2-step function machines</li> <li>• Form expressions</li> <li>• Substitution</li> <li>• Formulae</li> <li>• Form equations</li> <li>• Solve 1-step equations</li> <li>• Solve 2-step equations</li> <li>• Find pairs of values</li> <li>• Solve problems with two unknowns</li> </ul>



Autumn Term

Spring Term

Summer Term