

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Counting Place Value	<ul style="list-style-type: none"> <li>count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number</li> <li>count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens</li> </ul> <p><b>Autumn 1</b> <b>Autumn 4</b> <b>Spring 2</b> <b>Summer 4</b></p>	<ul style="list-style-type: none"> <li>count in steps of 2, 3, and 5 from 0, and in tens from any number, forward or backward</li> </ul> <p><b>Autumn 1</b></p>	<ul style="list-style-type: none"> <li>count from 0 in multiples of 4, 8, 50 and 100;</li> </ul> <p><b>Autumn 1</b> <b>Autumn 3</b></p>	<ul style="list-style-type: none"> <li>count in multiples of 6, 7, 9, 25 and 1 000</li> <li>count backwards through zero to include negative numbers</li> </ul> <p><b>Autumn 1</b></p>	<ul style="list-style-type: none"> <li>count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000</li> <li>interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero</li> </ul> <p><b>Autumn 1</b></p>	
Representing Place Value	<ul style="list-style-type: none"> <li>identify and represent numbers using objects and pictorial representations.</li> <li>read and write numbers from 1 to 20 in numerals and words.</li> <li>read and write numbers from 1 to 100 in numerals.</li> </ul> <p><b>Autumn 1</b> <b>Autumn 4</b> <b>Spring 2</b> <b>Summer 4</b></p>	<ul style="list-style-type: none"> <li>read and write numbers to at least 100 in numerals and in words</li> <li>identify, represent and estimate numbers using different representations, including the number line</li> </ul> <p><b>Autumn 1</b></p>	<ul style="list-style-type: none"> <li>identify, represent and estimate numbers using different representations</li> <li>read and write numbers up to 1 000 in numerals and in words</li> </ul> <p><b>Autumn 1</b></p>	<ul style="list-style-type: none"> <li>identify, represent and estimate numbers using different representations</li> <li>read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.</li> </ul> <p><b>Autumn 1</b></p>	<ul style="list-style-type: none"> <li>read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit</li> <li>read Roman numerals to 1 000 (M) and recognise years written in Roman numerals.</li> </ul> <p><b>Autumn 1</b></p>	<ul style="list-style-type: none"> <li>read, write, order and compare numbers up to 10 000 000 and determine the value of each digit (appears also in Reading and Writing Numbers)</li> </ul> <p><b>Autumn 1</b></p>

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Place Value Use of P V and compare	<ul style="list-style-type: none"> <li>given a number, identify one more and one less</li> </ul> <p><b>Autumn 1</b> <b>Autumn 4</b> <b>Spring 2</b> <b>Summer 4</b></p>	<ul style="list-style-type: none"> <li>recognise the place value of each digit in a two-digit number (tens, ones)</li> <li>compare and order numbers from 0 up to 100; use &lt;, &gt; and = signs</li> </ul> <p><b>Autumn 1</b></p>	<ul style="list-style-type: none"> <li>recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</li> <li>compare and order numbers to 1000</li> </ul> <p><b>Autumn 1</b></p>	<ul style="list-style-type: none"> <li>find 1000 more or less than a given number</li> <li>recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)</li> <li>order and compare numbers beyond 1 000</li> </ul> <p><b>Autumn 1</b> <b>Autumn 4</b></p>	<ul style="list-style-type: none"> <li>read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit</li> </ul> <p><b>Autumn 1</b></p>	<ul style="list-style-type: none"> <li>read, write, order and compare numbers up to 10 000 000 and determine the value of each digit</li> </ul> <p><b>Autumn 1</b></p>
Place Value Problems and Rounding		<ul style="list-style-type: none"> <li>use place value and number facts to solve problems</li> </ul> <p><b>Autumn 1</b></p>	<ul style="list-style-type: none"> <li>solve number problems and practical problems involving these ideas.</li> </ul> <p><b>Autumn 1</b></p>	<ul style="list-style-type: none"> <li>round any number up to 1 000 000 to the nearest 10, 100, 1 000, 10 000 and 100 000</li> <li>solve number problems and practical problems that involve all of the above</li> </ul> <p><b>Autumn 1</b></p>	<ul style="list-style-type: none"> <li>interpret negative numbers in context, .</li> <li>round any number up to 1 000 000 to the nearest 10, 100, 1 000, 10 000 and 100 000</li> <li>solve number problems and practical problems that involve all of the above</li> </ul> <p><b>Autumn 1</b></p>	<ul style="list-style-type: none"> <li>round any whole number to a required degree of accuracy</li> <li>use negative numbers in context, and calculate intervals across zero</li> <li>solve number and practical problems that involve all of the above</li> </ul> <p><b>Autumn 1</b></p>

# Addition and Subtraction



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Addition &amp; Subtraction</b> <b>Recall, Represent, Use</b>	<ul style="list-style-type: none"> <li>read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs</li> <li>represent and use number bonds and related subtraction facts within 20</li> </ul> <p style="text-align: center;"><b>Autumn 2</b> <b>Spring 2</b></p>	<ul style="list-style-type: none"> <li>recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100</li> <li>show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot</li> <li>recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.</li> </ul> <p style="text-align: center;"><b>Autumn 2</b></p>	<ul style="list-style-type: none"> <li>estimate the answer to a calculation and use inverse operations to check answers</li> </ul> <p style="text-align: center;"><b>Autumn 2</b></p>	<ul style="list-style-type: none"> <li>estimate and use inverse operations to check answers to a calculation</li> </ul> <p style="text-align: center;"><b>Autumn 2</b></p>	<ul style="list-style-type: none"> <li>use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy</li> </ul> <p style="text-align: center;"><b>Autumn 2</b></p>	

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Addition & Subtraction Calculations	<ul style="list-style-type: none"> <li>add and subtract one-digit and two-digit numbers to 20, including zero</li> </ul> <p style="text-align: center;"><b>Autumn 2</b> <b>Spring 1</b></p>	<ul style="list-style-type: none"> <li>add and subtract numbers using concrete objects, pictorial representations, and mentally, including:               <ul style="list-style-type: none"> <li>a two-digit number and ones</li> <li>a two-digit number and tens</li> <li>two two-digit numbers</li> <li>adding three one-digit numbers</li> </ul> </li> </ul> <p style="text-align: center;"><b>Autumn 2</b></p>	<ul style="list-style-type: none"> <li>add and subtract numbers mentally, including:               <ul style="list-style-type: none"> <li>a three-digit number and ones</li> <li>a three-digit number and tens</li> <li>a three-digit number and hundreds</li> </ul> </li> <li>add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction</li> </ul> <p style="text-align: center;"><b>Autumn 2</b></p>	<ul style="list-style-type: none"> <li>add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate</li> </ul> <p style="text-align: center;"><b>Autumn 2</b></p>	<ul style="list-style-type: none"> <li>add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</li> <li>add and subtract numbers mentally with increasingly large numbers</li> </ul> <p style="text-align: center;"><b>Autumn 2</b></p>	<ul style="list-style-type: none"> <li>perform mental calculations, including with mixed operations and large numbers</li> <li>use their knowledge of the order of operations to carry out calculations involving the four operations</li> </ul> <p style="text-align: center;"><b>Autumn 2</b></p>
Addition & Subtraction Solve Problems	<ul style="list-style-type: none"> <li>solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as <math>7 = \square - 9</math></li> </ul> <p style="text-align: center;"><b>Autumn 2</b> <b>Spring 1</b></p>	<ul style="list-style-type: none"> <li>solve problems with addition and subtraction:               <ul style="list-style-type: none"> <li>using concrete objects and pictorial representations, including those involving numbers, quantities and measures</li> <li>applying their increasing knowledge of mental and written methods</li> </ul> </li> </ul> <p style="text-align: center;"><b>Autumn 2</b></p>	<ul style="list-style-type: none"> <li>solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</li> </ul> <p style="text-align: center;"><b>Autumn 2</b></p>	<ul style="list-style-type: none"> <li>solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why</li> </ul> <p style="text-align: center;"><b>Autumn 2</b></p>	<ul style="list-style-type: none"> <li>solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</li> </ul> <p style="text-align: center;"><b>Autumn 2</b></p>	<ul style="list-style-type: none"> <li>solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</li> <li>Solve problems involving addition, subtraction, multiplication and division</li> </ul> <p style="text-align: center;"><b>Autumn 2</b></p>

# Multiplication and Division



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Multiplication &amp; Division</b> <b>Recall, Represent, Use</b>		<ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers</li> </ul> <p style="text-align: center;"><b>Autumn 4</b> <b>Spring 1</b></p>	<ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</li> </ul> <p style="text-align: center;"><b>Autumn 3</b></p>	<ul style="list-style-type: none"> <li>recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math></li> <li>use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers</li> <li>recognise and use factor pairs and commutativity in mental calculations</li> </ul> <p style="text-align: center;"><b>Autumn 4</b> <b>Spring 1</b></p>	<ul style="list-style-type: none"> <li>identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers</li> <li>establish whether a number up to 100 is prime and recall prime numbers up to 19</li> <li>recognise and use square numbers and cube numbers, and the notation for squared (<math>^2</math>) and cubed (<math>^3</math>)</li> </ul> <p style="text-align: center;"><b>Autumn 4</b></p>	<ul style="list-style-type: none"> <li>identify common factors, common multiples and prime numbers</li> <li>use estimation to check answers to calculations and determine, in the context of a problem, levels of accuracy</li> </ul> <p style="text-align: center;"><b>Autumn 4</b></p>

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Multiplication & Division Calculations		<ul style="list-style-type: none"> <li>calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (<math>\times</math>), division (<math>\div</math>) and equals (<math>=</math>) signs</li> </ul> <p style="text-align: center;"><b>Autumn 4 Spring 1</b></p>	<ul style="list-style-type: none"> <li>write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods</li> </ul> <p style="text-align: center;"><b>Autumn 3 Spring 1</b></p>	<ul style="list-style-type: none"> <li>multiply two-digit and three-digit numbers by a one-digit number using formal written layout</li> </ul> <p style="text-align: center;"><b>Spring 1</b></p>	<ul style="list-style-type: none"> <li>multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers</li> <li>multiply and divide numbers mentally drawing upon known facts</li> <li>divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context</li> <li>multiply and divide whole numbers and those involving decimals by 10, 100 and 1000</li> </ul> <p style="text-align: center;"><b>Autumn 4 Spring 1 Summer 1</b></p>	<ul style="list-style-type: none"> <li>multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication</li> <li>divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context</li> <li>divide numbers up to 4-digits by a two-digit whole number using the formal written method of short division where appropriate interpreting remainders according to the context</li> <li>perform mental calculations, including with mixed operations and large numbers</li> </ul> <p style="text-align: center;"><b>Autumn 2</b></p>

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Multiplication & Division Solve Problems	<ul style="list-style-type: none"> <li>solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher</li> </ul> <p style="text-align: center;"><b>Summer 1</b></p>	<ul style="list-style-type: none"> <li>solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts</li> </ul> <p style="text-align: center;"><b>Autumn 4 Spring 1</b></p>	<ul style="list-style-type: none"> <li>solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects</li> </ul> <p style="text-align: center;"><b>Spring 1</b></p>	<ul style="list-style-type: none"> <li>solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects</li> </ul> <p style="text-align: center;"><b>Spring 1</b></p>	<ul style="list-style-type: none"> <li>solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes</li> <li>solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates</li> </ul> <p style="text-align: center;"><b>Autumn 4 Spring 1</b></p>	<ul style="list-style-type: none"> <li>solve problems involving addition, subtraction, multiplication and</li> </ul> <p style="text-align: center;"><b>Autumn 2</b></p>
Multiplication & Division Combined Operations					<ul style="list-style-type: none"> <li>solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign</li> </ul> <p style="text-align: center;"><b>Spring 1</b></p>	<ul style="list-style-type: none"> <li>use their knowledge of the order of operations to carry out calculations involving the four operations</li> </ul> <p style="text-align: center;"><b>Autumn 2</b></p>

# Fractions, Decimals and Percentages

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Fractions Recognise and write	<ul style="list-style-type: none"> <li>recognise, find and name a half as one of two equal parts of an object, shape or quantity</li> <li>recognise, find and name a quarter as one of four equal parts of an object, shape or quantity</li> </ul> <p style="text-align: center;"><b>Summer 2</b></p>	<ul style="list-style-type: none"> <li>recognise, find, name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{2}{4}</math> and <math>\frac{3}{4}</math> of a length, shape, set of objects or quantity</li> </ul> <p style="text-align: center;"><b>Spring 4</b></p>	<ul style="list-style-type: none"> <li>count up and down in tenths</li> <li>recognise that tenths arise from dividing an object into 10 equal parts and in dividing one – digit numbers or quantities by 10.</li> <li>recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators</li> <li>recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators</li> </ul> <p style="text-align: center;"><b>Autumn 3</b></p>	<ul style="list-style-type: none"> <li>count up and down in hundredths</li> <li>recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten</li> </ul> <p style="text-align: center;"><b>Spring 3</b></p>	<ul style="list-style-type: none"> <li>identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths</li> <li>recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements <math>&gt; 1</math> as a mixed number (e.g. <math>\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}</math>)</li> </ul> <p style="text-align: center;"><b>Spring 2</b></p>	
Fractions Compare		<ul style="list-style-type: none"> <li>write simple fractions e.g. <math>\frac{1}{2}</math> of 6 = 3 and recognise the equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math>.</li> </ul> <p style="text-align: center;"><b>Spring 4</b></p>	<ul style="list-style-type: none"> <li>recognise and show, using diagrams, equivalent fractions with small denominators</li> <li>compare and order unit fractions, and fractions with the same denominators</li> </ul> <p style="text-align: center;"><b>Summer 4</b></p>	<ul style="list-style-type: none"> <li>recognise and show, using diagrams, families of common equivalent fractions</li> </ul> <p style="text-align: center;"><b>Spring 3</b></p>	<ul style="list-style-type: none"> <li>compare and order fractions whose denominators are all multiples of the same number</li> </ul> <p style="text-align: center;"><b>Spring 2</b></p>	<ul style="list-style-type: none"> <li>compare and order fractions whose denominators are all multiples of the same number</li> <li>compare and order fractions, including fractions <math>&gt; 1</math></li> </ul> <p style="text-align: center;"><b>Autumn 3</b></p>



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Fractions Calculations		<ul style="list-style-type: none"> <li>write simple fractions e.g. <math>\frac{1}{2}</math> of 6 = 3 and recognise the equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math>.</li> </ul> <p style="text-align: center;"><b>Spring 4</b></p>	<ul style="list-style-type: none"> <li>add and subtract fractions with the same denominator within one whole (e.g. <math>\frac{5}{7} + \frac{1}{7} = \frac{6}{7}</math>)</li> </ul> <p style="text-align: center;"><b>Summer 1</b></p>	<ul style="list-style-type: none"> <li>add and subtract fractions with the same denominator</li> </ul> <p style="text-align: center;"><b>Spring 3</b></p>	<ul style="list-style-type: none"> <li>add and subtract fractions with the same denominator and multiples of the same number</li> <li>add and subtract fractions with the same denominator and multiples of the same number</li> <li>multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams</li> </ul> <p style="text-align: center;"><b>Spring 2</b></p>	<ul style="list-style-type: none"> <li>add and subtract fractions with different denominators and mixed numbers, using the</li> <li>concept of equivalent fractions</li> <li>multiply simple pairs of proper fractions, writing the answer in its simplest form (e.g. <math>\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}</math>)</li> <li>divide proper fractions by whole numbers (e.g. <math>\frac{1}{3} \div 2 = \frac{1}{6}</math>)</li> </ul> <p style="text-align: center;"><b>Autumn 3</b></p>
Fractions Solve Problems			<ul style="list-style-type: none"> <li>solve problems that involve all of the above</li> </ul> <p style="text-align: center;"><b>Summer 4</b></p>	<ul style="list-style-type: none"> <li>solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number</li> </ul> <p style="text-align: center;"><b>Spring 3</b></p>		

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Decimals Recognise and Write				<ul style="list-style-type: none"> <li>recognise and write decimal equivalents to <math>\frac{1}{4}</math>; <math>\frac{1}{2}</math>; <math>\frac{3}{4}</math></li> </ul> <p style="text-align: center;"><b>Spring 1</b> <b>Summer 4</b></p>	<ul style="list-style-type: none"> <li>read and write decimal numbers as fractions (e.g. <math>0.71 = \frac{71}{100}</math>)</li> </ul> <p style="text-align: center;"><b>Spring 3</b></p>	<ul style="list-style-type: none"> <li>identify the value of each digit in numbers given to three decimal places</li> </ul> <p style="text-align: center;"><b>Spring 1</b></p>
Decimals Compare				<ul style="list-style-type: none"> <li>round decimals with one decimal place to the nearest whole number</li> <li>compare numbers with the same number of decimal places up to two decimal places</li> </ul> <p style="text-align: center;"><b>Summer 1</b></p>	<ul style="list-style-type: none"> <li>round decimals with two decimal places to the nearest whole number and to one decimal place</li> <li>read, write, order and compare numbers with up to three decimal places</li> </ul> <p style="text-align: center;"><b>Spring 3</b></p>	

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Calculations and Problems</b> <b>Decimals</b>				<ul style="list-style-type: none"> <li>find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths</li> </ul> <p style="text-align: center;"><b>Spring 1</b></p>	<ul style="list-style-type: none"> <li>solve problems involving numbers up to three decimal places</li> </ul> <p style="text-align: center;"><b>Summer 1</b></p>	<ul style="list-style-type: none"> <li>solve problems involving numbers up to three decimal places</li> <li>solve problems involving numbers up to three decimal places</li> <li>use written division methods in cases where the answer has up to two decimal places</li> <li>solve problems which require answers to be rounded to specified degrees of accuracy</li> </ul> <p style="text-align: center;"><b>Spring 4</b></p>

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Fractions, Decimals and Percentages				<ul style="list-style-type: none"> <li>• solve simple measure and money problems involving fractions and decimals to two decimal places.</li> </ul> <p style="text-align: center;"><b>Spring 3</b> <b>Spring 4</b> <b>Summer 1</b></p>	<ul style="list-style-type: none"> <li>• recognise the per cent symbol (%) and understand that per cent relates to “number of parts per hundred”, and write percentages as a fraction with denominator 100 as a decimal fraction</li> <li>• solve problems which require knowing percentage and decimal equivalents of <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{5}</math>, <math>\frac{2}{5}</math>, <math>\frac{4}{5}</math> and those with a denominator of a multiple of 10 or 25.</li> </ul> <p style="text-align: center;"><b>Spring 3</b></p>	<ul style="list-style-type: none"> <li>• associate a fraction with division and calculate decimal fraction equivalents (e.g. 0.375) for a simple fraction (e.g. <math>\frac{3}{8}</math>)</li> <li>• recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.</li> </ul> <p style="text-align: center;"><b>Spring 1</b> <b>Spring 2</b></p>

# Ration and Proportion



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Fractions, Decimals and Percentages						<ul style="list-style-type: none"><li>• solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts .</li><li>• solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison</li><li>• solve problems involving similar shapes where the scale factor is known or can be found</li><li>• solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.</li></ul> <p style="text-align: right;"><b>Spring 6</b></p>

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Fractions, Decimals and Percentages	<ul style="list-style-type: none"> <li>solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as <math>7 = \square - 9</math></li> </ul>	<ul style="list-style-type: none"> <li>recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.</li> </ul>	<ul style="list-style-type: none"> <li>solve problems, including missing number problems,</li> </ul>			<ul style="list-style-type: none"> <li>use simple formulae</li> <li>express missing number problems algebraically</li> <li>find pairs of numbers that satisfy number sentences involving two unknowns</li> <li>enumerate all possibilities of combinations of two variables</li> </ul> <p style="text-align: center;"><b>Spring 3</b></p>

Whilst Algebraic notations is not introduced till Y6, algebraic thinking starts much earlier. As exemplified by the ‘missing numbers’ objectives from Y1/2/3