

Year 3

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	<p>Number: Place Value</p> <ul style="list-style-type: none"> Count from 0 in multiples of 4, 8, 50 and 100 Count up and down in tenths Read and write numbers up to 1000 in numerals and in words <i>Read and write numbers with one decimal place</i> Identify, represent and estimate numbers using different representations (<i>including the number line</i>) Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) <i>Identify the value of each digit to one decimal place</i> <i>Partition numbers in different ways (e.g. $146 = 100 + 40 + 6$ and $146 = 130 + 16$)</i> Compare and order numbers up to 1000 <i>Compare and order numbers with one decimal place</i> Find 1, 10 or 100 more or less than a given number <i>Round numbers to at least 1000 to the nearest 10 or 100</i> <i>Find the effect of multiplying a one- or two-digit number by 10 and 100, identify the value of the digits in the answer</i> <i>Describe and extend number sequences involving counting on or back in different steps</i> <i>Read Roman numerals from I to XII</i> <p>Solve number problems and practical problems involving these ideas</p>						<p>Number: Addition and Subtraction</p> <ul style="list-style-type: none"> <i>Choose an appropriate strategy to solve a calculation based upon the numbers involved (recall a known fact, calculate mentally, use a jotting, written method)</i> <i>Select a mental strategy appropriate for the numbers involved in the calculation</i> <i>Understand and use take away and difference for subtraction, deciding on the most efficient method for the numbers involved, irrespective of context</i> <i>Recall/use addition/subtraction facts for 100 (multiples of 5 and 10)</i> <i>Derive and use addition and subtraction facts for 100</i> <i>Derive and use addition and subtraction facts for multiples of 100 totalling 1000</i> Add and subtract numbers mentally, including: <ul style="list-style-type: none"> - a three-digit number and ones - a three-digit number and tens - a three-digit number and hundreds Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction Estimate the answer to a calculation and use inverse operations to check answers <i>Continue to recognise and use the symbols for pounds (£) and pence (p) and understand that the decimal point separates pounds/pence</i> <i>Recognise that ten 10p coins equal £1 and that each coin is $\frac{1}{10}$ of £1</i> Add and subtract amounts of money to give change, using both £ and p in practical contexts <p>Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</p>							

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Spring	Number: Multiplication and Division <ul style="list-style-type: none">Choose an appropriate strategy to solve a calculation based upon the numbers involved (recall a known fact, calculate mentally, use a jotting, written method)Understand that division is the inverse of multiplication and vice versaUnderstand how multiplication and division statements can be represented using arraysUnderstand division as sharing and grouping and use each appropriatelyRecall and use multiplication and division facts for the 3, 4 and 8 multiplication tablesDerive and use doubles of all numbers to 100 and corresponding halvesDerive and use doubles of all multiples of 50 to 500Write 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 methodsUse estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy <p>Solve problems, including missing number problems, involving multiplication and division (and interpreting remainders), including positive integer scaling problems and correspondence problems in which an objects are connected to m objects</p>								Number: Fractions <ul style="list-style-type: none">Show practically or pictorially that a fraction is one whole number divided by another (e.g. $\frac{3}{4}$ can be interpreted as $3 \div 4$)Understand that finding a fraction of an amount relates to divisionRecognise that tenths arise from dividing objects into 10 equal parts and in dividing one-digit numbers or quantities by 10Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominatorsRecognise and use fractions as numbers: unit fractions and non-unit fractions with small denominatorsCount on and back in steps of $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{3}$ <p>Solve problems that involve all of the above</p>							
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7		Week 8	Week 9	Week 10	Week 11	Week 12			
Summer	Number: Fractions <ul style="list-style-type: none">Recognise and show, using diagrams, equivalent fractions with small denominatorsAdd and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$]Compare and order unit fractions, and fractions with the same denominators (including on a number line)			Time <ul style="list-style-type: none">Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocksEstimate/read time with increasing accuracy to the nearest minuteRecord/compare time in terms of seconds, minutes, hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon, midnightKnow the number of seconds in a minute and the number of days in each month, year and leap year <p>Compare durations of events [for example to</p>					Angles <ul style="list-style-type: none">Recognise angles as a property of shape or a description of a turnIdentify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angleIdentify horizontal and vertical lines and pairs of perpendicular and parallel lines		Measure: Length, height, temperature, weigh and Measure, <ul style="list-style-type: none">compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)Continue to estimate and measure temperature to the nearest degree (°C) using thermometersUnderstand perimeter is a measure of distance around the boundary of a shapeMeasure the perimeter of simple 2-D shapescalculate the time taken by particular events or tasks] <p>Solve problems involving money and measures and simple problems involving passage of time</p>					