

Year 3 – Yearly Overview

	Wk 1	Wk 2	Wk 3	Wk 4	Wk 5	Wk 6	Wk 7	Wk 8	Wk 9	Wk 10	Wk 11	Wk 12	Wk 13	Wk 14	Wk 15
Autumn	Number: Place Value (involving mass, capacity + length)								Number: Addition and Subtraction (involving mass, capacity + length)						
Spring	Measurement: Money	Number: Multiplication and Division					Number: Fractions					Measurement: Time			
Summer	Measurement: Time	Geometry: Shape			Measurement: Perimeter			Statistics			Consolidation				

Block	Objectives
Place Value (involving mass, capacity and length)	<ul style="list-style-type: none"> • Identify, represent and estimate numbers using different representations. • Find 10 or 100 more or less than a given number; • Recognise the place value of each digit in a three digit number (hundreds, tens, ones). • Compare and order numbers up to 1000 • Read and write numbers up to 1000 in numerals and in words. • Count from 0 in multiples of 4, 8, 50 and 100 <p>Capacity, length and mass:</p> <ul style="list-style-type: none"> • Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml). • Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. • Continue to measure using the appropriate tools and units, progressing to using a wider range of measures, including comparing and using mixed units (for example, 1kg and 200g) and simple equivalents of mixed units (for example, 5m = 500cm).
Addition and subtraction	<ul style="list-style-type: none"> • Add and subtract numbers mentally, including: 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. • Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. <p>Capacity, length and mass: See above in Place Value.</p>
Money	<ul style="list-style-type: none"> • Add and subtract amounts of money to give change, using both £ and p in practical contexts.
Multiplication and division	<ul style="list-style-type: none"> • Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables. • Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs. • Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in context. • Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.
Fractions	<ul style="list-style-type: none"> • Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators. • Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators. • Count up and down in tenths. • Recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10. • Solve number problems and practical problems involving these ideas. • Add 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.

	<ul style="list-style-type: none"> • Solve problems that involve all of the above.
Time	<ul style="list-style-type: none"> • Tell and write the time from an analogue clock, including using Roman numerals and 12-hour and 24-hour clocks. • Estimate and read time with increasing accuracy to the nearest minute. • Use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight. • Record and compare time in terms of seconds, minutes and hours. • Know the number of seconds in a minute and the number of days in each month, year and leap year. • Compare durations of events (for example to calculate the time taken by particular events or tasks).
Geometry: Shape	<ul style="list-style-type: none"> • Draw 2-D shapes and make 3-D shapes using modelling materials. • Recognise 3-D shapes in different orientations and describe them. • Identify horizontal and vertical lines and pairs of perpendicular and parallel lines. • Recognise angles as a property of shape or a description of a turn. • Identify right angles, recognise that two right angles make a half-term, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle.
Statistics	<ul style="list-style-type: none"> • Interpret and present data using bar charts, pictograms and tables. • Solve one- step and two-step questions (for example, 'How many more?' and 'How many fewer?') using information presented in scaled bar charts and pictograms and tables.