

Year 3

Maths Coverage 2023-2024

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1	<p><u>Place value</u></p> <ul style="list-style-type: none"> Representing numbers to 1000 using resources and in different ways (including with money, length) Begin using the positional and multiplicative language to understand the value of the whole number Introduce tenths Multiplying and dividing by 10 (including tenths) Partitioning numbers into hundreds, tens and ones in different ways Comparing numbers up to 1000 (including with money, length and mass) Ordering numbers up to 1000 (including with money, length, capacity and volume) Rounding numbers to the nearest 10 or 100 within 1000 						<p><u>Statistics</u></p> <p>Interpret and present data using bar charts, pictograms and tables</p> <p>Solve one and two-step problems</p>
Autumn 2	<p><u>Addition and subtraction</u></p> <ul style="list-style-type: none"> Addition - add together (including with money) (aggregation) acting out simple scenarios of the two structures. Numbers to 1000 Addition - add more (including with money and length) (augmentation - 6 apples and given 4 more. How many now?) Numbers to 1000 Subtraction - take away Numbers to 1000 Subtraction - difference Numbers to 1000 Fact families - commutative and inverse Distributive - sequencing e.g. $34 + 14 = 34 + 10 + 3$ Associative properties - adding 3 single-digit numbers. Moving numbers around to make them easier to solve. Compensation property - $24 + 19 = 24 + 20 + 1$ <p>MENTAL STRATEGIES</p> <ul style="list-style-type: none"> Number pairs for all numbers to 100 Counting on and back Doubles and near doubles Adding and subtracting and adjusting Using patterns of similar calculations Bridging through 10 Sequencing Making subtraction easier - same difference, different numbers Using known number facts Relationships between operations 						<p>Consolidation</p>

Year 3

Maths Coverage 2023-2024

<p>Spring 1</p>	<p><u>Multiplication and division</u></p> <ul style="list-style-type: none"> ▪ 2-digit x 1-digit ▪ Grid method, expanded and short written methods modelled alongside each other ▪ 2-digit divided by 1-digit using grouping ▪ Written division calculations including remainders ▪ Scaling up and down ▪ Correspondence problems <p>MENTAL STRATEGIES</p> <ul style="list-style-type: none"> ▪ know multiplication and division facts for 1, 5, 10, 2, 4, 8, 3, 6, 12 linking between 2, 4, 8 and 3, 6, 12 times tables ▪ dividing by 4 by halving and halving again ▪ Multiplying by 4 by doubling and doubling again ▪ Multiplying by 5 by multiplying by 10 and halving ▪ Dividing by 5 by dividing by 10 and doubling ▪ Partitioning ▪ Using known facts ▪ Associativity - moving a multiplication around to look for easier facts ▪ Distributivity - partitioning to make x easier $8 \times 7 = (8 \times 5) + (8 \times 2)$ 		
<p>Spring 2</p>	<p><u>Fractions</u></p> <ul style="list-style-type: none"> ▪ Identify parts and wholes - non-fractional ▪ Identify parts and wholes - fractional ▪ Addition and subtraction of fractions ▪ Commutativity and inverse - family of facts for the fractions ▪ Representing fractions in different ways ▪ Equivalent fractions ▪ Comparing fractions ▪ Fractions of shape 	<p><u>Length and perimeter</u></p> <ul style="list-style-type: none"> ▪ Measure, compare, add and subtract lengths (m/cm/mm) ▪ Measure the perimeter of simple 2D shapes 	
<p>Summer 1</p>	<p><u>Shape</u></p> <ul style="list-style-type: none"> ▪ Identifying right angles - link to turns ▪ Re-cap clockwise and anti-clockwise ▪ Identifying if angles are less or greater than a right angle ▪ Bring in vocabulary of acute and obtuse ▪ Perpendicular ▪ Parallel lines 	<p><u>Time</u></p> <ul style="list-style-type: none"> ▪ Telling the time from an analogue clock - nearest minute 12 and 24 hour clock ▪ Seconds, minutes, hours as units of time ▪ Compare durations of events (time differences and durations come into addition and subtraction - link to number line work) 	

Year 3

Maths Coverage 2023-2024

	<ul style="list-style-type: none">▪ Quadrilaterals, triangles, prisms, pyramids - bring in 2D shapes whilst looking at the 3D shapes▪ Making nets for square based pyramids		
Summer 2	<p><u>Mass and capacity</u></p> <ul style="list-style-type: none">▪ Measure, compare, add and subtract mass (kg/g), volume and capacity (l/ml)	<p><u>Money</u></p> <p>Add and subtract amounts of money to give change, using both £ and p in practical contexts.</p>	Consolidation and pre-teaching for Year 4