

Year 2 and Year 3 Maths Curriculum Overview

Term 1	Place Value	Place Value	Place Value	Place Value	Addition and subtraction	Addition and subtraction	Addition and subtraction	Measures Length and Height
Y2	<ul style="list-style-type: none"> Counting up to 100 Counting from different starting points Counting in 1s, 2s, 5s and 10s forwards and backwards Recognising coins 	<ul style="list-style-type: none"> Value of digits and number representations Partitioning into multiples of tens and ones Coins making amounts – same amount different coins 	<ul style="list-style-type: none"> Number lines and scales for representing numbers and comparing them with images 	<ul style="list-style-type: none"> Comparing and ordering numbers, money and measures 10 more 10 less 	<ul style="list-style-type: none"> Mental strategies for bonds for bonds for 20 and within 20 Include measures 	<ul style="list-style-type: none"> Adding multiples of 10 and adding two digit and two digit , crossing boundaries with single digit Solving problems with money 	<ul style="list-style-type: none"> Subtracting multiples of 10 and subtracting two digit and two digit exchanging with single digit crossing boundaries Solving problems with money 	<ul style="list-style-type: none"> Practical problems – use of 10cm rods and rulers Addition and subtraction Problems Counting revisited through length
Y3	<ul style="list-style-type: none"> <i>Revise 2 digit numbers through range of contexts</i> Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) Identify, represent and estimate numbers using different representations include money and measure up to 1000 Read and write numbers up to 1000 in numerals and in words 	<ul style="list-style-type: none"> Compare and order numbers up to 1000 Compare: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) up to 1000 Compare money up to 1000 Compare durations of events [for example to calculate the time taken by particular events or tasks]. 	<ul style="list-style-type: none"> Find 10 or 100 more or less than a given number Find 10 more/less in money, measures, on graphs Find 100 more/less in money, measures and graphs Find 50 more and 50 less in contexts Count in multiples of 10s and 100s including money Count in 50s and 100s including money and measure 	<ul style="list-style-type: none"> Find 10 or 100 more or less than a given number Find multiples of 10s and 100s more/less than a given 2 and 3 digit number <p>Add and subtract numbers mentally, including:</p> <ul style="list-style-type: none"> A three-digit number and ones A three-digit number and tens A three-digit number and hundreds 	<ul style="list-style-type: none"> Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate Estimate and use inverse operations to check answers to a calculation Estimate and use inverse operations to check answers to a calculation 	<ul style="list-style-type: none"> Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate Estimate and use inverse operations to check answers to a calculation Calculate different measures, including money in pounds and pence 	<ul style="list-style-type: none"> 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 Measure the perimeter of simple 2-D shapes Calculate missing sides for perimeter 	

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Term 2	Place Value	Multiplication and division	Fractions / division - halves and quarters	Fractions	Geometry 2D	Addition and subtraction	Time	Assess and Review
Y2	<ul style="list-style-type: none"> Counting in 2s,5s and 10s Sequences and patterns 10 more/10 less 2 more/2 less 5 more/5 less Counting outside of 12 times a number. 	<ul style="list-style-type: none"> Number families 2 x table and commutativity 5 x table and commutativity Multiplication and division 10 x table and commutativity 	<ul style="list-style-type: none"> Revisit $\frac{1}{2}$, $\frac{1}{4}$ and introduce $\frac{2}{4}$ and $\frac{3}{4}$ Finding equal parts $\frac{1}{2}$, $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$ turns 	<ul style="list-style-type: none"> Finding $\frac{1}{2}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of shapes and numbers 	<ul style="list-style-type: none"> Geometry 2D shapes Recognise, name and properties of 2D shapes $\frac{1}{2}$ and $\frac{1}{4}$ and $\frac{3}{4}$ turns 	<ul style="list-style-type: none"> Addition and Subtraction facts for 10 and within 20 recall 2 digit addition and subtraction within 50 -100 and problem solving 	<ul style="list-style-type: none"> Revise days of week, months of year, O'clock and half past – 1 hour more/1 hour less Use clocks – $\frac{1}{4}$ turns linked to quarter past Use $\frac{1}{2}$ turns linked to half past Use $\frac{3}{4}$ turns linked to quarter to 	<ul style="list-style-type: none"> Assess and Review T1 and T2

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Term 3	Place Value	Addition and subtraction	Addition and subtraction	Measures	Geometry 3D shape	Time
Y2	<ul style="list-style-type: none"> Through problem solving Comparing measures up to numbers of 100 Counting in 3s 	<ul style="list-style-type: none"> Addition and subtraction Adding two digit and two digit cross boundaries Including money 	<ul style="list-style-type: none"> Addition and subtraction Subtracting two digit and two digit cross boundaries Including money Addition and subtraction through statistics 	<ul style="list-style-type: none"> Capacity and volume – reading scales and practical problems Scales in 1,10s,5,100s 	<ul style="list-style-type: none"> Recognise, name and properties of 3D shapes Extend to do comparison of 2D and 3D shapes Include position language 	<ul style="list-style-type: none"> $\frac{1}{4}$ to, $\frac{1}{4}$ past, 5 minutes Word problems for time Time facts Timetables – simple

Term 4	Multiplication and division	Multiplication and division	Fractions	Fractions	Measure – Mass and weight	Review and Assess
Y2	<ul style="list-style-type: none"> Revisit commutativity Including money using 2p,5p and 10p Word problems Multi step problems Statistics - tally charts , bar charts and pictograms 	<ul style="list-style-type: none"> Multiplication and division Problems with 10s Statistics - tally charts , bar charts and pictograms Extend to outside 12 x 2,5 and 10 for GDS 	<ul style="list-style-type: none"> Fractions Counting in 3s Equal parts 1/3 of shapes 1/3 of quantities 1/3 of numbers 	<ul style="list-style-type: none"> Finding 1/3 in context Fractions word problems Linked to 1/2, 1/3, 1/4, 2/4, 3/4 	<ul style="list-style-type: none"> Practical problems of mass and weight Reading scales Addition and subtraction problems Multiplication and division problems 	<ul style="list-style-type: none"> Review and assess terms 3 and 4 check against ARE

Term 5	Place Value	Addition and subtraction Including measures and statistics 2 weeks	Multiplication and division 2 weeks Including measures and statistics	Fractions and time	Review and Assess
Y2 SATS in May	<ul style="list-style-type: none"> Counting forwards and backwards to 100 from different starting points in steps of 2,3 and 10. Revise 1 more/1 less/10 more/10 less and multiples of 10 Revise partitioning into tens and ones in context and multiples in context Number lines 	<ul style="list-style-type: none"> Mental and written addition/subtraction including problem solving One step and two problems Empty boxes Comparison problems Standard measure 	<ul style="list-style-type: none"> Revisit commutativity One and two step problems Money, measures one and two step problems 	<ul style="list-style-type: none"> Revise fractions and time 	<ul style="list-style-type: none"> Could revisit shape here

Term 6	Place Value	Calculation & Measures	Calculation & Measures	Fractions	Geometry	Transition x 3 weeks
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Y2	<ul style="list-style-type: none"> • Problem solving with place value and number properties 	<ul style="list-style-type: none"> • Problem solving with 4 rules applied to measures and missing boxes, known facts 	<ul style="list-style-type: none"> • Problem solving with 4 rules applied to measures and missing boxes, known facts 	<ul style="list-style-type: none"> • Problem solving with fractions, 	<ul style="list-style-type: none"> • Problem solving geometry 	<ul style="list-style-type: none"> • Y2 non negotiables for Y3 , skill and application
Y3	<ul style="list-style-type: none"> • Problem solving with place value and number properties 	<ul style="list-style-type: none"> • Problem solving with 4 rules applied to measures and missing boxes, known facts 	<ul style="list-style-type: none"> • Problem solving with 4 rules applied to measures and missing boxes, known facts 	<ul style="list-style-type: none"> • Problem solving with fractions, 	<ul style="list-style-type: none"> • Problem solving geometry 	<ul style="list-style-type: none"> • Y3 non negotiables for Y4 , skill and application