

Maths Medium Term Planning

Year 3

Autumn term	Number	Number	Number
	Place value	Addition and subtraction	Multiplication and division A

Autumn Term

<u>Week</u>	<u>Small Step Focus</u>	<u>Week</u>	<u>Small Step Focus</u>
Week 1 (PV)	Step 1 Represent numbers to 100 Step 2 Partition numbers to 100 Step 3 Number line to 100 Step 4 Hundreds	Week 8 (+ & -)	Step 15 Subtract two numbers (across a 10) Step 16 Subtract two numbers (across a 100) Step 17 Add 2-digit and 3-digit numbers Step 18 Subtract a 2-digit number from a 3-digit number
Week 2 (PV)	Step 5 Represent numbers to 1,000 Step 6 Partition numbers to 1,000 Step 7 Flexible partitioning of numbers to 1,000 Step 8 Hundreds, tens and ones	Week 9 (+ & -)	Step 19 Complements to 100 Step 20 Estimate answers Step 21 Inverse operations Step 22 Make decisions
Week 3 (PV)	Step 9 Find 1, 10 or 100 more or less Step 10 Number line to 1,000 Step 11 Estimate on a number line to 1,000 Step 12 Compare numbers to 1,000	Week 10 (x & ÷)	Step 1 Multiplication – equal groups Step 2 Use arrays Step 3 Multiples of 2 Step 4 Multiples of 5 and 10
Week 4 (PV) (+ & -)	Step 13 Order numbers to 1,000 Step 14 Count in 50s Step 1 Apply number bonds within 10 Step 2 Add and subtract 1s	Week 11 (x & ÷)	Step 5 Sharing and grouping Step 6 Multiply by 3 Step 7 Divide by 3 Step 8 The 3 times-table
Week 5 (+ & -)	Step 3 Add and subtract 10s Step 4 Add and subtract 100s Step 5 Spot the pattern Step 6 Add 1s across a 10	Week 12 (x & ÷)	Step 9 Multiply by 4 Step 10 Divide by 4 Step 11 The 4 times-table Step 12 Multiply by 8

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Week 6 (+ & -)	Step 7 Add 10s across a 100 Step 8 Subtract 1s across a10 Step 9 Subtract 10s across a 100 Step 10 Make connections	Week 13 (x & ÷)	Step 13 Divide by 8 Step 14 The 8 times-table Step 15 The 2, 4 and 8 times-tables
Week 7 (+ & -)	Step 11 Add two numbers (no exchange) Step 12 Subtract two numbers (no exchange) Step 13 Add two numbers (across a 10) Step 14 Add two numbers (across a 100)	Week 14	CONSOLIDATION

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Spring term	Number	Measurement	Number	Measurement
	Multiplication and division B	Length and perimeter	Fractions A	Mass and capacity

Spring Term

<u>Week</u>	<u>Small Step Focus</u>	<u>Week</u>	<u>Small Step Focus</u>
Week 1 (x & ÷)	Step 1 Multiples of 10 Step 2 Related calculations Step 3 Reasoning about multiplication Step 4 Multiply a 2-digit number by a 1-digit number – no exchange	Week 7 (Fractions)	Step 1 Understand the denominators of unit fractions Step 2 Compare and order unit fractions Step 3 Understand the numerators of non-unit fractions Step 4 Understand the whole
Week 2 (x & ÷)	Step 5 Multiply a 2-digit number by a 1-digit number – with exchange Step 6 Link multiplication and division Step 7 Divide a 2-digit number by a 1-digit number – no exchange Step 8 Divide a 2-digit number by a 1-digit number – flexible partitioning	Week 8 (Fractions)	Step 5 Compare and order non-unit fractions Step 6 Fractions and scales Step 7 Fractions on a number line
Week 3 (x & ÷)	Step 9 Divide a 2-digit number by a 1-digit number – with remainders Step 10 Scaling Step 11 How many ways?	Week 9 (Fractions)	Step 8 Count in fractions on a number line Step 9 Equivalent fractions on a number line Step 10 Equivalent fractions as bar models
Week 4 (Length & Perimeter)	Step 1 Measure in metres and centimetres Step 2 Measure in millimetres Step 3 Measure in centimetres and millimetres Step 4 Metres, centimetres and millimetres	Week 10 (Mass & Capacity)	Step 1 Use scales Step 2 Measure mass in grams Step 3 Measure mass in kilograms and grams Step 4 Equivalent masses (kilograms and grams)
Week 5 (Length & Perimeter)	Step 5 Equivalent lengths (metres and centimetres) Step 6 Equivalent lengths (centimetres and millimetres) Step 7 Compare lengths Step 8 Add lengths Step 9 Subtract lengths	Week 11 (Mass & Capacity)	Step 5 Compare mass Step 6 Add and subtract mass Step 7 Measure capacity and volume in millilitres Step 8 Measure capacity and volume in litres and millilitres

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Week 6 (Length & Perimeter)	Step 10 What is perimeter? Step 11 Measure perimeter Step 12 Calculate perimeter	Week 12 (Mass & Capacity)	Step 9 Equivalent capacities and volumes Step 10 compare capacity and volume Step 11 Add and subtract capacity and volume
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Summer term	Number	Measurement	Measurement	Geometry	Statistics
	Fractions B	Money	Time	Shape	

Summer Term

<u>Week</u>	<u>Small Step Focus</u>	<u>Week</u>	<u>Small Step Focus</u>
Week 1 (Fractions)	Step 1 Add fractions Step 2 Subtract fractions Step 3 Partition the whole	Week 6 (Time)	Step 5 Use am and pm Step 6 Years, months and days Step 7 Days and hours Step 8 Hours and minutes – use start and end time
Week 2 (Fractions)	Step 4 Unit fractions of a set of objects Step 5 Non-unit fractions of a set of objects Step 6 Reasoning with fractions of an amount	Week 7 (Time)	Step 9 Hours and minutes - use durations Step 10 Minutes and seconds Step 11 Units of time Step 12 Solve problems with time
Week 3 (Money)	Step 1 Pounds and pence Step 2 Convert pounds and pence Step 3 Add money	Week 8 (Shape)	Step 1 Turns and angles Step 2 Right angles Step 3 Compare angles Step 4 Measure and draw accurately Step 5 Horizontal and vertical
Week 4 (Money)	Step 4 Subtract money Step 5 Find change	Week 9 (Shape)	Step 6 Parallel and perpendicular Step 7 Recognise and describe 2-D shapes Step 8 Draw polygons

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			Step 9 Recognise and describe 3-D shapes Step 10 Make 3-D shapes
Week 5 (Time)	Step 1 Roman numerals to 12 Step 2 Tell the time to 5 minutes Step 3 Tell the time to the minute Step 4 Read time on a digital clock	Week 10 (Statistics)	Step 1 Interpret pictograms Step 2 Draw pictograms Step 3 Interpret bar charts
		Week 11 (Statistics)	Step 4 Draw bar charts Step 5 Collect and represent data Step 6 Two-way tables
		Week 12	CONSOLIDATION