

Maths Medium Term Planning

Year 4

Autumn term	Number	Number	Measurement Area	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 1,000 Step 2 Partition numbers to 1,000 Step 3 Number line to 1,000 Step 4 Thousands	Week 8 (+ & -)	Step 8 Efficient subtraction Step 9 Estimate answers Step 10 Checking strategies
Week 2 (PV)	Step 5 Represent numbers to 10,000 Step 6 Partition numbers to 10,000 Step 7 Flexible partitioning of numbers to 10,000 Step 8 Find 1, 10, 100, 1,000 more or less	Week 9 (Area)	Step 1 What is area? Step 2 Count squares Step 3 Make shapes Step 4 Compare areas
Week 3 (PV)	Step 9 Number line to 10,000 Step 10 Estimate on a number line to 10,000 Step 11 Compare numbers to 10,000 Step 12 Order numbers to 10,000	Week 10 (x & ÷)	Step 1 Multiples of 3 Step 2 Multiply and divide by 6 Step 3 6 times-table and division facts Step 4 Multiply and divide by 9 Step 5 9 times-table and division facts
Week 4 (PV)	Step 13 Roman numerals Step 14 Round to the nearest 10 Step 15 Round to the nearest 100 Step 16 Round to the nearest 1,000 Step 17 Round to the nearest 10, 100 or 1,000	Week 11 (x & ÷)	Step 6 The 3, 6 and 9 times-tables Step 7 Multiply and divide by 7 Step 8 7 times-table and division facts Step 9 11 times-table and division facts
Week 5 (+ & -)	Step 1 Add and subtract 1s, 10s, 100s and 1,000s Step 2 Add up to two 4-digit numbers – no exchange Step 3 Add two 4-digit numbers – one exchange	Week 12 (x & ÷)	Step 10 12 times-table and division facts Step 11 Multiply by 1 and 0 Step 12 Divide a number by 1 and itself Step 13 Multiply three numbers
Week 6 (+ & -)	Step 4 Add two 4-digit numbers – more than one exchange Step 5 Subtract two 4-digit numbers – no exchange	Week 13	CONSOLIDATION
Week 7 (+ & -)	Step 6 Subtract two 4-digit numbers – one exchange Step 7 Subtract two 4-digit numbers – more than one exchange	Week 14	CONSOLIDATION N

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

Spring Term

<u>Week</u>	<u>Small Step Focus</u>	<u>Week</u>	<u>Small Step Focus</u>
Week 1 (x & ÷)	Step 1 Factor pairs Step 2 Use factor pairs Step 3 Multiply by 10 Step 4 Multiply by 100 Step 5 Divide by 10	Week 7 (Fractions)	Step 5 Compare and order mixed numbers Step 6 Understand improper fractions Step 7 Convert mixed numbers to improper fractions Step 8 Convert improper fractions to mixed numbers
Week 2 (x & ÷)	Step 6 Divide by 100 Step 7 Related facts – multiplication and division Step 8 Informal written methods for multiplication Step 9 Multiply a 2-digit number by a 1-digit number Step 10 Multiply a 3-digit number by a 1-digit number	Week 8 (Fractions)	Step 9 Equivalent fractions on a number line Step 10 Equivalent fraction families Step 11 Add two or more fractions Step 12 Add fractions and mixed numbers
Week 3 (x & ÷)	Step 11 Divide a 2-digit number by a 1-digit number (1) Step 12 Divide a 2-digit number by a 1-digit number (2) Step 13 Divide a 3-digit number by a 1-digit number Step 14 Correspondence problems Step 15 Efficient multiplication	Week 9 (Fractions)	Step 13 Subtract two fractions Step 14 Subtract from whole amounts Step 15 Subtract from mixed numbers
Week 4 (Length & Perimeter)	Step 1 Measure in kilometres and metres Step 2 Equivalent lengths (kilometres and metres) Step 3 Perimeter on a grid Step 4 Perimeter of a rectangle Step 5 Perimeter of rectilinear shapes	Week 10 (Decimals)	Step 1 Tenths as fractions Step 2 Tenths as decimals Step 3 Tenths on a place value chart Step 4 Tenths on a number line
Week 5 (Length & Perimeter)	Step 6 Find missing lengths in rectilinear shapes Step 7 Calculate perimeter of rectilinear shapes Step 8 Perimeter of regular polygons Step 9 Perimeter of polygons	Week 11 (Decimals)	Step 5 Divide a 1-digit number by 10 Step 6 Divide a 2-digit number by 10 Step 7 Hundredths as fractions Step 8 Hundredths as decimals
Week 6 (Fractions)	Step 1 Understand the whole Step 2 Count beyond 1 Step 3 Partition a mixed number Step 4 Number lines with mixed numbers	Week 12 (Decimals)	Step 9 Hundredths on a place value chart Step 10 Divide a 1- or 2-digit number by 100

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Summer term	Number	Measurement	Measurement	Consolidation	Geometry	Statistics	Geometry
	Decimals B	Money	Time		Shape		Position and direction

Summer Term

<u>Week</u>	<u>Small Step Focus</u>	<u>Week</u>	<u>Small Step Focus</u>
Week 1 (Decimals)	Step 1 Make a whole with tenths Step 2 Make a whole with hundredths Step 3 Partition decimals Step 4 Flexibly partition decimals	Week 8 (Time)	Step 4 Convert to the 24-hour clock Step 5 Convert from the 24-hour clock
Week 2 (Decimals)	Step 5 Compare decimals Step 6 Order decimals Step 7 Round to the nearest whole number Step 8 Halves and quarters as decimals	Week 9 (Shape)	Step 1 Understand angles as turns Step 2 Identify angles Step 3 Compare and order angles Step 4 Triangles
Week 3 (Money)	Step 1 Write money using decimals Step 2 Convert between pounds and pence Step 3 Compare amounts of money	Week 10 (Shape)	Step 5 Quadrilaterals Step 6 Polygons Step 7 Lines of symmetry Step 8 Complete a symmetric figure
Week 4 (Money)	Step 4 Estimate with money Step 5 Calculate with money Step 6 Solve problems with money	Week 11 (Statistics)	Step 1 Interpret charts Step 2 Comparison, sum and difference Step 3 Interpret line graphs Step 4 Draw line graphs
Week 5 (Time)	Step 1 Years, months, weeks and days Step 2 Hours, minutes and seconds Step 3 Convert between analogue and digital times	Week 12 (Position & Direction)	Step 1 Describe position using coordinates Step 2 Plot coordinates Step 3 Draw 2-D shapes on a grid
		Week 13 (Position & Direction)	Step 4 Translate on a grid Step 5 Describe translation on a grid
		Week 14	CONSOLIDATION