

Year 3

Autumn term			
Step	Place value (3 weeks)	Addition and subtraction (5 weeks)	Multiplication and division (4 weeks)
1	Represent numbers to 100	Apply number bonds within 10	Multiplication – equal groups
2	Partition numbers to 100	Add and subtract 1s	Use arrays
3	Number line to 100	Add and subtract 10s	Multiples of 2
4	Hundreds	Add and subtract 100s	Multiples of 5 and 10
5	Represent numbers to 1,000	Spot the pattern	Sharing and grouping
6	Partition numbers to 1,000	Add 1s across a 10	Multiply by 3
7	Flexible partitioning of numbers to 1,000	Add 10s across a 100	Divide by 3
8	Hundreds, tens and ones	Subtract 1s across a 10	The 3 times-table
9	Find 1, 10 or 100 more or less	Subtract 10s across a 100	Multiply by 4
10	Number line to 1,000	Make connections	Divide by 4
11	Estimate on a number line to 1,000	Add two numbers (no exchange)	The 4 times-table
12	Compare numbers to 1,000	Subtract two numbers (no exchange)	Multiply by 8
13	Order numbers to 1,000	Add two numbers (across a 10)	Divide by 8
14	Count in 50s	Add two numbers (across a 100)	The 8 times-table
15		Subtract two numbers (across a 10)	The 2, 4 and 8 times-tables
16		Subtract two numbers (across a 100)	
17		Add 2-digit and 3-digit numbers	
18		Subtract a 2-digit number from a 3-digit number	

19		Complements to 100	
20		Estimate answers	
21		Inverse operations	
22		Make decisions	

Spring term				
Step	Multiplication and division (3 weeks)	Length and perimeter (3 weeks)	Fractions (3 weeks)	Mass and capacity (3 weeks)
1	Multiples of 10	Measure in metres and centimetres	Understand the denominators of unit fractions	Use scales
2	Related calculations	Measure in millimetres	Compare and order unit fractions	Measure mass in grams
3	Reasoning about multiplication	Measure in centimetres and millimetres	Understand the numerators of non-unit fractions	Measure mass in kilograms and grams
4	Multiply a 2-digit number by a 1-digit number – no exchange	Metres, centimetres and millimetres	Understand the whole	Equivalent masses (kilograms and grams)
5	Multiply a 2-digit number by a 1-digit number – with exchange	Equivalent lengths (metres and centimetres)	Compare and order non-unit fractions	Compare mass
6	Link multiplication and division	Equivalent lengths (centimetres and millimetres)	Fractions and scales	Add and subtract mass
7	Divide a 2-digit number by a 1-digit number – no exchange	Compare lengths	Fractions on a number line	Measure capacity and volume in millilitres
8	Divide a 2-digit number by a 1-digit number – flexible partitioning	Add lengths	Count in fractions on a number line	Measure capacity and volume in litres and millilitres
9	Divide a 2-digit number by a 1-digit number – with remainders	Subtract lengths	Equivalent fractions on a number line	Equivalent capacities and volumes (litres and millilitres)
10	Scaling	What is perimeter?	Equivalent fractions as bar models	Compare capacity and volume
11	How many ways?	Measure perimeter		Add and subtract capacity and volume
12		Calculate perimeter		

Summer term

Step	Fractions (2 weeks)	Money (2 weeks)	Time (3 weeks)	Shape (2 weeks)	Statistics (2 weeks)
1	Add fractions	Pounds and pence	Roman numerals to 12	Turns and angles	Interpret pictograms
2	Subtract fractions	Convert pounds and pence	Tell the time to 5 minutes	Right angles	Draw pictograms
3	Partition the whole	Add money	Tell the time to the minute	Compare angles	Interpret bar charts
4	Unit fractions of a set of objects	Subtract money	Read time on a digital clock	Measure and draw accurately	Draw bar charts
5	Non-unit fractions of a set of objects	Find change	Use am and pm	Horizontal and vertical	Collect and represent
6	Reasoning with fractions of an amount		Years, months and days	Parallel and perpendicular	Two-way tables
7			Days and hours	Recognise and describe 2-D shapes	
8			Hours and minutes – use start and end times	Draw polygons	
9			Hours and minutes - use durations	Recognise and describe 3-D shapes	
10			Minutes and seconds	Make 3-D shapes	
11			Units of time		
			Solve problems with time		