

Year 4

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

Spring term

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

Summer term

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