Small steps

Year 4

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Autumn Block 1

Place value

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Small steps

Step 1 Represent numbers to 1,000

Step 2 Partition numbers to 1,000

Step 3 Number line to 1,000

Step 4 Thousands

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

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Small steps

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
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

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Small steps

Step 17   Round to the nearest 10, 100 or 1,000

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Autumn Block 2

Addition and subtraction

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Small steps

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

Step 4 Add two 4-digit numbers – more than one exchange

Step 5 Subtract two 4-digit numbers – no exchange

Step 6 Subtract two 4-digit numbers – one exchange

Step 7 Subtract two 4-digit numbers – more than one exchange

Step 8 Efficient subtraction

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Small steps

Step 9	Estimate answers

Step 10	Checking strategies

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Autumn Block 3

Area

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Small steps

Step 1	What is area?
Step 2	Count squares
Step 3	Make shapes
Step 4	Compare areas

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Autumn Block 4

Multiplication and division A

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Small steps

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

Step 6   The 3, 6 and 9 times-tables

Step 7   Multiply and divide by 7

Step 8   7 times-table and division facts

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Small steps

Step 9	11 times-table and division facts

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

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Small steps

Year 4

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Spring Block 1

Multiplication and division B

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Small steps

Step 1	Factor pairs
Step 2	Use factor pairs
Step 3	Multiply by 10
Step 4	Multiply by 100
Step 5	Divide by 10
Step 6	Divide by 100
Step 7	Related facts – multiplication and division
Step 8	Informal written methods for multiplication

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Small steps

Step 9 Multiply a 2-digit number by a 1-digit number

Step 10 Multiply a 3-digit number by a 1-digit number

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

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Spring Block 2

Length and perimeter

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Small steps

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

Step 6 Find missing lengths in rectilinear shapes

Step 7 Calculate perimeter of rectilinear shapes

Step 8 Perimeter of regular polygons

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Small steps

Step 9	Perimeter of polygons

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Spring Block 3

Fractions

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Small steps

Step 1 Understand the whole

Step 2 Count beyond 1

Step 3 Partition a mixed number

Step 4 Number lines with mixed numbers

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

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Small steps

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

Step 13	Subtract two fractions

Step 14	Subtract from whole amounts

Step 15	Subtract from mixed numbers

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Spring Block 4

Decimals A

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Small steps

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
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

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Small steps

Step 9	Hundredths on a place value chart

Step 10	Divide a 1- or 2-digit number by 100

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Small steps

Year 4

Summer Block 1

Decimals B

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Small steps

Step 1	Make a whole with tenths
Step 2	Make a whole with hundredths
Step 3	Partition decimals
Step 4	Flexibly partition decimals
Step 5	Compare decimals
Step 6	Order decimals
Step 7	Round to the nearest whole number
Step 8	Halves and quarters as decimals

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Summer Block 2

Money

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Small steps

Step 1 | Write money using decimals

Step 2 | Convert between pounds and pence

Step 3 | Compare amounts of money

Step 4 | Estimate with money

Step 5 | Calculate with money

Step 6 | Solve problems with money

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Summer Block 3

Time

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Small steps

Step 1	Years, months, weeks and days

Step 2	Hours, minutes and seconds

Step 3	Convert between analogue and digital times

Step 4	Convert to the 24-hour clock

Step 5	Convert from the 24-hour clock

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Summer Block 4

Shape

Small steps

Step 1	Understand angles as turns
Step 2	Identify angles
Step 3	Compare and order angles
Step 4	Triangles
Step 5	Quadrilaterals
Step 6	Polygons
Step 7	Lines of symmetry
Step 8	Complete a symmetric figure

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Summer Block 5

Statistics

Small steps

Step 1 Interpret charts

Step 2 Comparison, sum and difference

Step 3 Interpret line graphs

Step 4 Draw line graphs

Summer Block 6

Position and direction

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Small steps

Step 1   Describe position using coordinates

Step 2   Plot coordinates

Step 3   Draw 2-D shapes on a grid

Step 4   Translate on a grid

Step 5   Describe translation on a grid

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