Small steps

Year 3

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Autumn Block 1

Place value

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Small steps

Step 1	Represent numbers to 100
Step 2	Partition numbers to 100
Step 3	Number line to 100
Step 4	Hundreds
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

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Small steps

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

Step 13   Order numbers to 1,000

Step 14   Count in 50s

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Autumn Block 2

Addition and subtraction

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Small steps

Step 1	Apply number bonds within 10
Step 2	Add and subtract 1s
Step 3	Add and subtract 10s
Step 4	Add and subtract 100s
Step 5	Spot the pattern
Step 6	Add 1s across a 10
Step 7	Add 10s across a 100
Step 8	Subtract 1s across a 10

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Small steps

Step 9 Subtract 10s across a 100

Step 10 Make connections

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)

Step 15 Subtract two numbers (across a 10)

Step 16 Subtract two numbers (across a 100)

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Small steps

Step 17	Add 2-digit and 3-digit numbers
Step 18	Subtract a 2-digit number from a 3-digit number
Step 19	Complements to 100
Step 20	Estimate answers
Step 21	Inverse operations
Step 22	Make decisions

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Autumn Block 3

Multiplication and division A

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Small steps

Step 1 Multiplication – equal groups

Step 2 Use arrays

Step 3 Multiples of 2

Step 4 Multiples of 5 and 10

Step 5 Sharing and grouping

Step 6 Multiply by 3

Step 7 Divide by 3

Step 8 The 3 times-table

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Small steps

Step 9	Multiply by 4
Step 10	Divide by 4
Step 11	The 4 times-table
Step 12	Multiply by 8
Step 13	Divide by 8
Step 14	The 8 times-table
Step 15	The 2, 4 and 8 times-tables

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Spring Block 1

Multiplication and division B

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Small steps

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
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

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Small steps

Step 9	Divide a 2-digit number by a 1-digit number – with remainders
Step 10	Scaling
Step 11	How many ways?

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Spring Block 2

Length and perimeter

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Small steps

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
Step 5	Equivalent lengths (metres and centimetres)
Step 6	Equivalent lengths (centimetres and millimetres)
Step 7	Compare lengths
Step 8	Add lengths

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Small steps

Step 9	Subtract lengths
Step 10	What is perimeter?
Step 11	Measure perimeter
Step 12	Calculate perimeter

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Spring Block 3

Fractions A

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Small steps

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

Step 5 Compare and order non-unit fractions

Step 6 Fractions and scales

Step 7 Fractions on a number line

Step 8 Count in fractions on a number line

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Small steps

Step 9   Equivalent fractions on a number line

Step 10   Equivalent fractions as bar models

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Spring Block 4

Mass and capacity

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Small steps

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)

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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Small steps

| Step 9 | Equivalent capacities and volumes (litres and millilitres) |

| Step 10 | Compare capacity and volume |

| Step 11 | Add and subtract capacity and volume |

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Summer Block 1

Fractions B

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Small steps

Step 1 | Add fractions

Step 2 | Subtract fractions

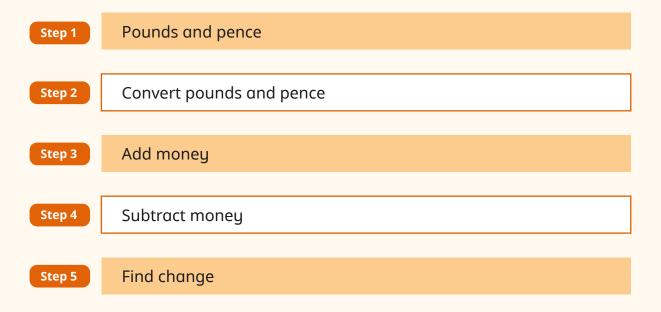**Step 3** | Partition the whole

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

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Summer Block 2

Money

Small steps

Step 1   Pounds and pence

Step 2   Convert pounds and pence

Step 3   Add money

Step 4   Subtract money

Step 5   Find change

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Summer Block 3

Time

Small steps

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
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 times

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Small steps

Step 9	Hours and minutes - use durations

Step 10	Minutes and seconds

Step 11	Units of time

Step 12	Solve problems with time

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Summer Block 4

Shape

Small steps

Step 1	Turns and angles
Step 2	Right angles
Step 3	Compare angles
Step 4	Measure and draw accurately
Step 5	Horizontal and vertical
Step 6	Parallel and perpendicular
Step 7	Recognise and describe 2-D shapes
Step 8	Draw polygons

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Small steps

Step 9	Recognise and describe 3-D shapes

Step 10	Make 3-D shapes

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Summer Block 5

Statistics

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Small steps

Step 1 Interpret pictograms

Step 2 Draw pictograms

Step 3 Interpret bar charts

Step 4 Draw bar charts

Step 5 Collect and represent data

Step 6 Two-way tables

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