

Small steps

Year 6

Spring Block 1

Ratio

Small steps

Step 1

Add or multiply?

Step 2

Use ratio language

Step 3

Introduction to the ratio symbol

Step 4

Ratio and fractions

Step 5

Scale drawing

Step 6

Use scale factors

Step 7

Similar shapes

Step 8

Ratio problems



Small steps

Step 9

Proportion problems

Step 10

Recipes



Spring Block 2

Algebra

Small steps

Step 1

1-step function machines

Step 2

2-step function machines

Step 3

Form expressions

Step 4

Substitution

Step 5

Formulae

Step 6

Form equations

Step 7

Solve 1-step equations

Step 8

Solve 2-step equations



Small steps

Step 9

Find pairs of values

Step 10

Solve problems with two unknowns



Spring Block 3

Decimals

Small steps

Step 1

Place value within 1

Step 2

Place value – integers and decimals

Step 3

Round decimals

Step 4

Add and subtract decimals

Step 5

Multiply by 10, 100 and 1,000

Step 6

Divide by 10, 100 and 1,000

Step 7

Multiply decimals by integers

Step 8

Divide decimals by integers



Small steps

Step 9

Multiply and divide decimals in context



Spring Block 4

Fractions, decimals and percentages

Small steps

Step 1

Decimal and fraction equivalents

Step 2

Fractions as division

Step 3

Understand percentages

Step 4

Fractions to percentages

Step 5

Equivalent fractions, decimals and percentages

Step 6

Order fractions, decimals and percentages

Step 7

Percentage of an amount – one step

Step 8

Percentage of an amount – multi-step

Small steps

Step 9

Percentages – missing values



Spring Block 5

**Area, perimeter
and volume**

Small steps

Step 1

Shapes – same area

Step 2

Area and perimeter

Step 3

Area of a triangle – counting squares

Step 4

Area of a right-angled triangle

Step 5

Area of any triangle

Step 6

Area of a parallelogram

Step 7

Volume – counting cubes

Step 8

Volume of a cuboid



Spring Block 6

Statistics

Small steps

Step 1

Line graphs

Step 2

Dual bar charts

Step 3

Read and interpret pie charts

Step 4

Pie charts with percentages

Step 5

Draw pie charts

Step 6

The mean

