

Small steps

Year 4

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

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

Small steps

Step 17

Round to the nearest 10, 100 or 1,000

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

Small steps

Step 9

Estimate answers

Step 10

Checking strategies

Small steps

Step 1

What is area?

Step 2

Count squares

Step 3

Make shapes

Step 4

Compare areas

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

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

Small steps

Year 4

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

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

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

Small steps

Step 9

Perimeter of polygons

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

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

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

Small steps

Step 9

Hundredths on a place value chart

Step 10

Divide a 1- or 2-digit number by 100

Small steps

Year 4

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

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

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

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

Small steps

Step 1

Interpret charts

Step 2

Comparison, sum and difference

Step 3

Interpret line graphs

Step 4

Draw line graphs

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