

Small steps

Year 6

Autumn Block 1

Place value

Small steps

Step 1

Numbers to 1,000,000

Step 2

Numbers to 10,000,000

Step 3

Read and write numbers to 10,000,000

Step 4

Powers of 10

Step 5

Number line to 10,000,000

Step 6

Compare and order any integers

Step 7

Round any integer

Step 8

Negative numbers



Autumn Block 2

**Addition, subtraction,
multiplication and division**

Small steps

Step 1

Add and subtract integers

Step 2

Common factors

Step 3

Common multiples

Step 4

Rules of divisibility

Step 5

Primes to 100

Step 6

Square and cube numbers

Step 7

Multiply up to a 4-digit number by a 2-digit number

Step 8

Solve problems with multiplication

Small steps

Step 9

Short division

Step 10

Division using factors

Step 11

Introduction to long division

Step 12

Long division with remainders

Step 13

Solve problems with division

Step 14

Solve multi-step problems

Step 15

Order of operations

Step 16

Mental calculations and estimation

Small steps

Step 17

Reason from known facts



Autumn Block 3

Fractions A

Small steps

Step 1

Equivalent fractions and simplifying

Step 2

Equivalent fractions on a number line

Step 3

Compare and order (denominator)

Step 4

Compare and order (numerator)

Step 5

Add and subtract simple fractions

Step 6

Add and subtract any two fractions

Step 7

Add mixed numbers

Step 8

Subtract mixed numbers

Small steps

Step 9

Multi-step problems



Autumn Block 4

Fractions B

Small steps

Step 1

Multiply fractions by integers

Step 2

Multiply fractions by fractions

Step 3

Divide a fraction by an integer

Step 4

Divide any fraction by an integer

Step 5

Mixed questions with fractions

Step 6

Fraction of an amount

Step 7

Fraction of an amount – find the whole

Autumn Block 5

Converting units

Small steps

Step 1

Metric measures

Step 2

Convert metric measures

Step 3

Calculate with metric measures

Step 4

Miles and kilometres

Step 5

Imperial measures