

Yearly overview

Year 6

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number Place value		Number Addition, subtraction, multiplication and division					Number Fractions A		Number Fractions B		Measurement Converting units
Spring	Ratio		Algebra		Number Decimals		Number Fractions, decimals and percentages		Measurement Area, perimeter and volume		Statistics	
Summer	Geometry Shape			Geometry Position and direction	Themed projects, consolidation and problem solving							

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

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

Summer Block 1

Shape

Small steps

Step 1

Measure and classify angles

Step 2

Calculate angles

Step 3

Vertically opposite angles

Step 4

Angles in a triangle

Step 5

Angles in a triangle – special cases

Step 6

Angles in a triangle – missing angles

Step 7

Angles in a quadrilateral

Step 8

Angles in polygons

Small steps

Step 9

Circles

Step 10

Draw shapes accurately

Step 11

Nets of 3-D shapes

Summer Block 2

Position and direction

Small steps

Step 1

The first quadrant

Step 2

Read and plot points in four quadrants

Step 3

Solve problems with coordinates

Step 4

Translations

Step 5

Reflections