

Small Steps – Autumn Term - Year 6



Year 6 | Autumn term | Block 1 – Place value

- 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

Year 6 | Autumn term | Block 2 – Addition, subtraction, multiplication and division

- 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
- 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
- Step 17 Reason from known facts

Year 6 | Autumn term | Block 3 – Fractions A

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

Step 9 Multi-step problems

Year 6 | Autumn term | Block 4 – Fractions B

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

Year 6 | Autumn term | Block 5 – Converting units

Step 1 Metric measures

Step 2 Convert metric measures

Step 3 Calculate with metric measures

Step 4 Miles and kilometres

Step 5 Imperial measures

Small Steps – Spring Term - Year 6



Year 6 | Spring term | Block 1 – Ratio

- 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
- Step 9 Proportion problems
- Step 10 Recipes

Year 6 | Spring term | Block 2 – Algebra

- 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
- Step 9 Find pairs of values
- Step 10 Solve problems with two unknown

Year 6 | Spring term | Block 3 – Decimals

- 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

Step 9 Multiply and divide decimals in context

Year 6 | Spring term | Block 4 – Fractions, decimals and percentages

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

Step 9 Percentages – missing values

Year 6 | Spring term | Block 5 – Area, perimeter and volume

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

Year 6 | Spring term | Block 6 – Statistics

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

Small Steps – Summer Term - Year 6



Year 6 | Summer term | Block 1 – Shape

- 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
- Step 9 Circles
- Step 10 Draw shapes accurately
- Step 11 Nets of 3-D shapes

Year 6 | Summer term | Block 2 – Position and direction

- 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