Yearly overview

The yearly overview provides suggested timings for each block of learning, which can be adapted to suit different term dates or other requirements.

	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							

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

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

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

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

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

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

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

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

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

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

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

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

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