



# Year 6 - Medium term plan

## 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





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## 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 unknowns



Mindfulness



Perseverance



Respect



Reflection



Truth



Aspiration



Inspiration



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## 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



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## 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



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## 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





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## 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

