CTK Y6 Maths WR Small Steps 24-25

Autumn term

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

Note: Part of Decimal Place Value Unit added in

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

Four Operations Unit

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

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Calculating with Decimals

Step 7	Multiply decimals by integers
Step 8	Divide decimals by integers

Step 1	Metric measures
Step 2	Convert metric measures
Step 3	Calculate with metric measures
Step 4	Miles and kilometres
Step 5	Imperial measures

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

Spring Term

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

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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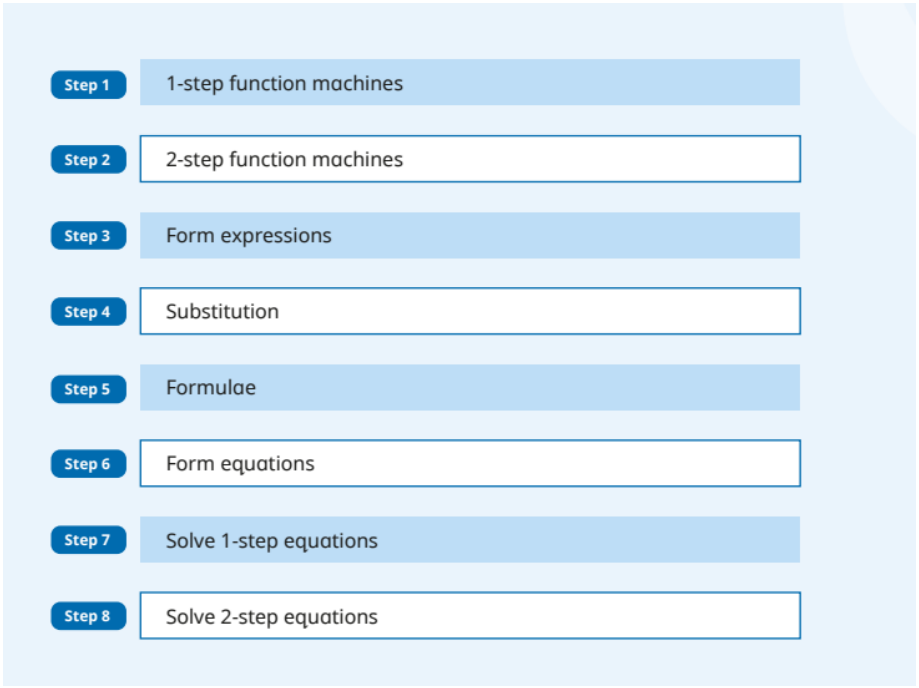
Statistics – pie charts for context/application

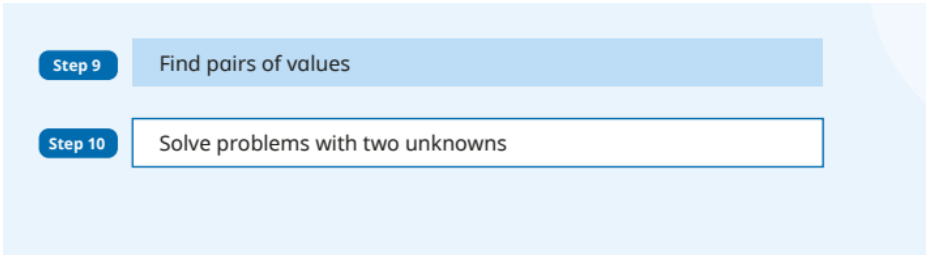
Step 1	Line graphs
Step 2	Dual bar charts
Step 3	Read and interpret pie charts
Step 4	Pie charts with percentages
Step 5	Draw pie charts
Step 6	The mean

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

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

Summer Term

Geometry – 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

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

Measurement and Area

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