

KS2 Maths medium term plan Summer 2

Unit	Year 3	
Money (1 week)	add and subtract amounts of money to give change, using both £ and p in practical contexts	
Small steps	Pounds and pence Convert pounds and pence Add money Subtract money Find change	
Vocabulary and resources	Pounds, pence, convert, add, altogether, estimate, subtract, change, partition	Money, blank number lines
Statistics (2 weeks)	interpret and present data using bar charts, pictograms and tables solve one-step and two-step questions [for example 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables	
Small steps	Interpret pictograms Draw pictograms Interpret bar charts	Draw bar charts Collect and represent data Two-way tables
Vocabulary and resources	Pictogram, symbol, value, equal, data, represent, key, bar chart, interpret, popular, axis, scale, accurate, collect, represent, vertical, horizontal, table, rows, columns, cell	Rulers
Mass & capacity (2 weeks)	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
Small steps	Use scales Measure mass in grams Measure mass in kilograms and grams Equivalent masses (kilograms and grams) Compare mass Add and subtract mass	Measure capacity and volume in millilitres Measure capacity and volume in litres and millilitres Equivalent capacities and volumes (litres and millilitres) Compare capacity and volume Add and subtract capacity and volume
Vocabulary and resources	Scale, mass, grams, kilograms, equivalent, compare, capacity, volume, millilitres, litres	Weighing scales, measuring jugs/cylinders/beakers, weights, containers

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Unit	Year 4	
Money (1 week)	estimate, compare and calculate different measures, including money in pounds and pence	
Small steps	Write money using decimals Convert between pounds and pence Compare amounts of money Estimate with money Calculate with money Solve problems with money	
Vocabulary and resources	Pounds, pence, convert, add, altogether, estimate, subtract, change, partition, decimal, tenths, hundredths, compare, ascending, descending, approximately	Money, blank number lines
Statistics (2 weeks)	interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs	
Small steps	Interpret charts Comparison, sum and difference Interpret line graphs Draw line graphs	
Vocabulary and resources	Represent, data, interpret, Scale, bar chart, pictogram, symbol, sum, difference, comparison, line graph, axis, horizontal, vertical, value, points	Rulers,
Position and direction (2 weeks)	describe positions on a 2-D grid as coordinates in the first quadrant describe movements between positions as translations of a given unit to the left/right and up/down plot specified points and draw sides to complete a given polygon	
Small steps	Describe position using coordinates Plot coordinates Draw 2-D shapes on a grid Translate on a grid Describe translation on a grid	
Vocabulary and resources	Horizontal, vertical, axis, point, coordinate, value, brackets, plot, grid, 2d shape, vertex, translate, up/down, left/right, describe, movement	Rulers, blank coordinate grids

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Unit	Year 5	
Negative numbers (1 week)	interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through 0	
Small steps	Understand negative numbers Count through zero in 1s Count through zero in multiples Compare and order negative numbers Find the difference	
Vocabulary and resources	Negative, positive, temperature, greater, smaller, zero, forwards, backwards, sequence, compare, order, ascending, descending, difference	Thermometer, blank number lines
Statistics (2 weeks)	solve comparison, sum and difference problems using information presented in a line graph	
Small steps	Draw line graphs Read and interpret line graphs	
Vocabulary and resources	Line graph, Axis, horizontal, vertical, interval, information, data, interpret, summarise, points	Ruler,
Position and direction (2 weeks)	identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed	
Small steps	Read and plot coordinates Problem solving with coordinates Translation Translation with coordinates Lines of symmetry Reflection in horizontal and vertical lines	
Vocabulary and resources	Horizontal, vertical, diagonal, axis, point, coordinate, value, brackets, plot, grid, 2d shape, vertex, translate, up/down, left/right, describe, movement, symmetry, reflection, mirror line, quadrant	Rulers, blank coordinate grids

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Unit	Year 6	
Algebra (1 week)	use simple formulae generate and describe linear number sequences express missing number problems algebraically find pairs of numbers that satisfy an equation with 2 unknowns enumerate possibilities of combinations of 2 variables	
Small steps	Formulae Form equations Solve 1-step equations Solve 2-step equations Find pairs of values Solve problems with two unknowns	
Vocabulary and resources	Input, output, function, inverse, represent, expression, substitution, formula, equation, inverse, values,	Objects, function machines, cubes
Statistics (2 weeks)	interpret and construct pie charts and line graphs and use these to solve problems calculate and interpret the mean as an average	
Small steps	Line graphs Dual bar charts Read and interpret pie charts Pie charts with percentages Draw pie charts The mean	
Vocabulary and resources	Line graph, Axis, horizontal, vertical, interval, information, data, interpret, summarise, points, dual bar chart, pie chart, percentage, represent, angle, mean, average, part, whole	Ruler
Position and direction (2 weeks)	describe positions on the full coordinate grid (all 4 quadrants) draw and translate simple shapes on the coordinate plane, and reflect them in the axes	
Small steps	The first quadrant Read and plot points in four quadrants Solve problems with coordinates Translations Reflections	
Vocabulary and resources	Horizontal, vertical, diagonal, axis, point, coordinate, value, brackets, plot, grid, 2d shape, vertex, translate, up/down, left/right, describe, movement, symmetry, reflection, mirror line, quadrant	Rulers, blank coordinate grids