

**Maths Key Vocabulary**

**Number: Numbers and place value**

EYFS	KS1		LKS2	UKS2
zero, one, two, three ..... to twenty (and beyond)	zero, one, two, three ..... to thirty (and beyond)	Tens, ones  Dienes/base ten	Eights, fifties, hundreds, factor of, relationship, Roman numerals, one hundred more, one hundred less, approximate, approximately, round, nearest, round to the nearest ten, hundred, round up, round down  Ten thousand, hundred thousand, million, sixes, sevens, nines, twenty-fives, next, consecutive, integer, positive, negative, above/below zero, minus/negative numbers, one thousand more, one thousand less, thousand	Factor pair, ≥ greater than or equal to, ≤ less than or equal to, formula, divisibility, square number, prime number, ascending/descending order, ten thousand  Factorise, prime factor, digit total
teens, eleven, twelve, None	1, 2, 3...100  Count on, count back	ten , twenty, thirty...to one hundred		
How many?	Greater than, fewer than, more than, less than, as many as, equal to	10, 20, 30...100  Part, part whole		
count on (to or from)	1 more, 1 less	Number bond		
count up (to), count back (to or from)	Compare	place-value chart, place value column		
count in ones, twos, fives, tens	greatest , smallest, most, least	Compare		
is the same as, equals, balances, as many as	Order, sequence, number pattern	greatest , smallest, most, least		
more, larger, bigger, greater, biggest, most less, fewer, smaller, smallest, least	Tens, ones	more than, less than, as many as		
odd, even	Dienes/base ten	Greater than, less than, equal to, <, >, =		
compare, order, size	ten , twenty, thirty...to one hundred	Number chart, number line		
first, second, third.....	10, 20, 30...100	Order, sequence, number pattern		
last, before, after, next, between	10 less, 10 more  Altogether	__less, __more		

guess, estimate, nearly, close to, about, just over, just under, too many, too few, enough, not enough	Part, part whole Number bond place-value chart			
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Maths Key Vocabulary			Number: Negative numbers	
EYFS	KS1		LKS2	UKS2
N/A	N/A		integer, positive, negative above/below zero, minus	integer, positive, negative above/below zero, minus integer, positive, negative above/below zero, minus

Maths Key Vocabulary			Number: Roman Numerals	
EYFS	KS1		LKS2	UKS2
N/A	N/A	N/A	Roman numerals from I to XII  Roman numerals to 100 (I to C)	Roman numerals to 1000 (M)

**Maths Key Vocabulary**

**Calculation: Addition and subtraction**

EYFS	KS1		LKS2	UKS2
<p>Number, zero, one, two, three ..... to twenty (and beyond) teens, eleven, twelve, None</p> <p>How many? count on (to or from) count up (to), count back (to or from) count in ones, twos, fives, tens</p> <p>is the same as, equals, balances, as many as, Make more, larger, bigger, greater, biggest, most</p> <p>less, fewer, smaller, smallest, least</p> <p>odd, even Pattern</p> <p>add, more, and, make, total, sum, altogether</p> <p>How many more to make .....? How many more is .... than....? take away How many are left? How many are gone?</p>	<p>Part, part, whole</p> <p>+, add, addition, plus make,</p> <p>Number bond</p> <p>Number equation/sentence, subtraction equation, addition equation</p> <p>Count on, count back</p> <p>Altogether, total, sum, more</p> <p>Subtract</p> <p>Minus</p> <p>'Left'</p> <p>Communicative law</p>	<p>Part, part, whole</p> <p>+, add, addition, more, plus make, sum, total altogether</p> <p>double, near double one more, two more... ten more... one hundred more</p> <p>Tens, ones</p> <p>Dienes/base ten</p> <p>Number bond</p> <p>Number equation/sentence, subtraction equation, addition equation</p> <p>Method</p> <p>Column</p> <p>rename, regroup</p> <p>2 digit number</p> <p>-, subtract, subtraction, take (away), minus leave, how many are left/left over?</p> <p>one less, two less...</p>	<p>Hundreds boundary</p> <p>Inverse</p>	<p>Ones boundary, tenths boundary</p>

How many fewer is .... than...? difference between sharing, doubling, halving parts of a whole, half, quarter		ten less... one hundred less		
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Maths Key Vocabulary			Calculation: Multiplication and division	
EYFS	KS1	LKS2	UKS2	
sharing, doubling, halving parts of a whole, half, quarter	2, 4, 6, 8...etc. 5, 10, 15...etc. 10, 20, 30, 40...etc. groups Share Equal ___groups of ___ Arrays, doubling Altogether ___twos, ___fives Rows, columns Sharing equally	X, multiplication, multiply Multiplication equation patterns 2, 4, 6, 8...etc. 5, 10, 15...etc. 10, 20, 30, 40...etc. 1 group of 2 = 1x2 groups Share Equal ___groups of ___ Arrays, doubling	Factor, product, remainder  Inverse, square, squared, cube, cubed	

		<p>Altogether</p> <p>__twos, __threes, __fours, __fives,</p> <p>Rows, columns</p> <p>Sharing equally</p> <p>Communicative law</p> <p>÷, division, divide</p> <p>Division equation</p>		
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Maths Key Vocabulary			Geometry: Properties of shapes			
EYFS	KS1	LKS2		UKS2		
			<p>See Year 2 Vocabulary <b>plus</b> the following Y3 specific vocabulary:</p> <p>Perimeter, pentagonal, hexagonal, octagonal, quadrilateral, right-angled, parallel, perpendicular, hemisphere, prism, triangular prism, compass point, north, south, west, east, N, S, E, W, horizontal, vertical, diagonal, angle .... Is a greater/smaller angle than, acute angle, obtuse angle</p>	<p>See Year 3 Vocabulary <b>plus</b> the following Y4 specific vocabulary:</p> <p>Line, construct, sketch, centre, angle, right-angled, base, square-based, reflect, reflection, regular, irregular, 2- D, two-dimensional, oblong, rectilinear, equilateral triangle, isosceles triangle, scalene triangle, heptagon, parallelogram, rhombus, trapezium, polygon, 3-D, three-dimensional,</p>	<p>See Year 4 Vocabulary <b>plus</b> the following Y5 specific vocabulary:</p> <p>radius, diameter, congruent, axis of symmetry, reflective symmetry, x-axis, y-axis, quadrant, octahedron, coordinate</p>	<p>See Year 5 Vocabulary <b>plus</b> the following Y6 specific vocabulary:</p> <p>circumference, concentric, arc, net, open, closed, intersecting, intersection, plane, dodecahedron, net, open, closed, reflex angle,</p>

				spherical, cylindrical, tetrahedron, polyhedron, north-east, north-west, south-east, south-west, NE, NW, SE, SW, translate, translation, rotate, rotation, degree, reflection, ruler, protractor, compass		
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Maths Key Vocabulary			Geometry: Position and direction	
EYFS	KS1	LKS2	UKS2	
Position Over, under, above, below, top, bottom, side,  On, in, outside, inside, around, in front, behind, back, front,  Beside, next to, opposite, apart, between, middle, edge, corner  Nearly, close to, about the same as, just over, just under	Position, direction  First, second...tenth  1st, 2nd...10th  Left, right, front, back  Before, after, between, next to  Top, middle, bottom  Row,  In front of, behind,  Near, far, close, around		Coordinates, clockwise, anti-clockwise compass point, north, south, east, west (N, S, E, W) north-east, north-west, south-east, south-west (NE, NW, SE, SW)  2D grid, horizontal, vertical, diagonal movement, slide, roll whole turn, half turn, quarter turn, rotate angle, ... is a greater/smaller angle than, right angle, degree, straight line, stretch, bend, ruler, set square, angle measurer, compasses  left/right and up/down.	

Direction, left, right, up, down	Down, up, forward, backward			
Forwards, backwards, sideways	Outside, inside			
Across, next to, close, near, far	Turn, half turn, quarter turn, three-quarter turn, whole turn			
Along, through, to, from, towards, away from	Clockwise, anticlockwise			

Maths Key Vocabulary		Fractions, Decimals and Percentages: Fractions		
EYFS	KS1	LKS2	UKS2	
sharing, doubling, halving parts of a whole, half, quarter	Whole, parts Half, quarter, whole, halves, quarters		Sixths, sevenths, eighths, tenths	Proper/improper fraction, equivalent, reduced to, Cancel, thousandths, in every, for every
Whole, part	Share		Hundredths, decimal, decimal fraction, decimal point, decimal place, decimal equivalent, proportion	
More than, fewer than	Sharing, grouping Half of (8), quarter of (8)			Ratio

**Maths Key Vocabulary**

**Measurement: Time**

EYFS	KS1	LKS2	UKS2
<p>Time Days of the week (Monday, Tuesday etc.) Day, week, Birthday, holiday, morning, afternoon, evening, night Bedtime, dinner time, playtime, Today, yesterday, tomorrow, Before, after, now, soon, early, late Quick, quicker, quickest, quickly Slow, slower, slowest, slowly Old, older, oldest New, newer, newest Takes longer, takes less time, hour, o'clock Clock, watch, hands Measure, size, compare, guess, estimate</p>	<p>O'clock Half past Morning, afternoon Days of the week (Monday, Tuesday etc.) Months of the year (January, February, etc.) Day, week, weekdays, weekends Before, after, next3 Minute, hour, second, days, weeks Slow, slower, slowest, quick, quicker, quickest Early, earlier, late, later</p>	<p>See Year 2 Vocabulary <b>plus</b> the following Y3 specific vocabulary:  century, calendar, earliest, latest, a.m, p.m, roman numerals, 12-hour clock time, 24-hour clock time See Year 3 Vocabulary <b>plus</b> the following Y4 specific vocabulary:  Hours in a day Days in a week 12-hour clock 24-hour clock am, pm, noon, o'clock, half past, quarter to, quarter past, clock, watch, hands digital/analogue clock/watch, timer  hours to minutes; minutes to seconds; years to months; weeks to days.  leap year, millennium, noon, date of birth, timetable, arrive, depart</p>	<p>Greenwich Mean Time, British Summer Time, International Date Line</p>

Maths Key Vocabulary			Measurement: Money	
EYFS	KS1		LKS2	UKS2
Money Coin, penny, pence, pound Price, cost Buy, Sell Spend, spent, pay	Money, coins, notes Pay, amount, pence, pound, buy, sell, spent 1p, 2p, 5p, 10p, 20p, 50p, £1, £2 £5, £10, £20, £50		money, coin, note penny, pence, pound (£) price, cost, buy, bought, sell, sold spend, spent, pay change, dear, costs more, more/most expensive, cheap, costs less, cheaper, less/least expensive how much...? how many...? total, amount, value, worth over estimate under estimate	discount, currency profit, loss

Maths Key Vocabulary			Measurement: Mass	
EYFS	KS1		LKS2	UKS2
Measure, size, compare, guess, estimate, Enough, not enough, too much, too little, too many, too few Nearly, close to, about the same as, just over, just under Weigh, weighs, weighs the same as, balances, heavy, light, heavier than, lighter than, heaviest, lightest, scales	Mass, weight Measure, compare Heavy, heavier than, light, lighter than, as heavy as Units, unit of mass, non-standard unit Scales, balance	Mass, weight, estimate Total mass, Kilograms (Kg), grams (g) Measure, compare Heavy, heavier than, light, lighter than, as heavy as Lighter, lightest, heavier, heaviest Units, unit of mass Scales, balance	measure, measurement, size compare, unit, standard unit, metric unit, imperial unit measuring scale, division, guess, estimate, enough, not enough, too much, too little, too many, too few, nearly, roughly, about, close to, about the same as, approximately, just over, just under mass, big, bigger, small, smaller, balances, weight: heavy/light, heavier/lighter, heaviest/lightest weigh, weighs kilogram (kg), half-kilogram, gram (g) balance, scales	Square metre (m <sup>2</sup> ), square millimetre (mm <sup>2</sup> ), pint, gallon, discount, currency tonne, pound, ounce, centilitre, cubic centimetres(cm <sup>3</sup> ), cubic metres (m <sup>3</sup> ), cubic millimetres (mm <sup>3</sup> ), cubic kilometres (km <sup>3</sup> ),

		< (less than), > (greater than), = (equals) Bar model <u>Temperature:</u> Celsius Degrees Hot, cold, warm Thermometer	<u>Temperature:</u> Centigrade	
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Maths Key Vocabulary		Measurement: Capacity and Volume		
EYFS	KS1	LKS2	UKS2	
Measure, size, compare, guess, estimate, Enough, not enough, too much, too little, too many, too few Nearly, close to, about the same as, just over, just under Full, empty, holds, container, half full,	Measure Volume, capacity, amount Compare, more than, greater, less than Units, non-standard units Full, empty, half, quarter	Unit, standard unit, metric unit, breadth, big, bigger, small, smaller, weight: heavy/light, heavier/lighter, heaviest/lightest, measuring cylinder	Square metre (m <sup>2</sup> ), square millimetre (mm <sup>2</sup> ), pint, gallon, centilitre, cubic centimetres (cm <sup>3</sup> ), cubic metres (m <sup>3</sup> ), cubic millimetres (mm <sup>3</sup> ), cubic kilometres (km <sup>3</sup> )	

holds more, holds less	Half as much, quarter as much			
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Maths Key Vocabulary			Measurement: Length and height	
EYFS	KS1		LKS2	UKS2
Measure, size, compare, guess, estimate,  Enough, not enough, too much, too little, too many, too few  Nearly, close to, about the same as, just over, just under  Length, height, width  Long, short, tall High, low Wide, narrow, thick, thin Longer, shorter, taller, higher  Longest, shortest, tallest, highest  Far, near, close	Measure, size, compare, estimation  Length, height, width  Long, short, tall  Longer, shorter, taller,  Longest, shortest, tallest,  Unit of measure, non-standard units  Ruler, centimetres (cm)	Measure, size, compare, estimation, order  Length, height, width  Ruler, centimetres (cm), metres (m)  Units  <, >, =  Longer, shorter  Longer than, shorter than  Longest, shortest, tallest,  Bar model  rows	approximately, millimetre, kilometre, mile, distance apart....between....to....from, perimeter  Unit, standard unit, metric unit, breadth, edge, area, covers, square centimetre (cm <sup>2</sup> )  mass: big, bigger, small, smaller, weight: heavy/light, heavier/lighter, heaviest/lightest,	Square metre (m <sup>2</sup> ), square millimetre (mm <sup>2</sup> )  Yard, inch, inches, foot, feet, circumference,

Maths Key Vocabulary			Measurement: Area and perimeter	
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EYFS	KS1		LKS2	UKS2
N/A	N/A		<p>approximately, millimetre, kilometre, mile, distance apart....between....to....from, perimeter</p> <p>Unit, standard unit, metric unit, breadth, edge, area, covers, square centimetre (cm<sup>2</sup>)</p> <p>mass: big, bigger, small, smaller, weight: heavy/light, heavier/lighter, heaviest/lightest, measuring cylinder, leap year, millennium, noon, date of birth, timetable, arrive, depart</p>	<p>Square metre (m<sup>2</sup>), square millimetre (mm<sup>2</sup>)</p> <p>Yard, inch, inches, foot, feet, circumference,</p>

Maths Key Vocabulary				Statistics
EYFS	KS1		LKS2	UKS2
N/A	Count, sort, vote, group, set, list, same, different, table		<p>Chart, bar chart, frequency table, carrol diagram, venn diagram, axis, axes, diagram</p> <p>Survey, questionnaire, data</p>	<p>database, bar line chart, line graph, maximum/minimum value, outcome</p> <p>Pie charts, mean (mode, median, range as estimates for this) statistics, distribution</p>

Maths Key Vocabulary						Ratio and Proportion
EYFS	KS1		LKS2		UKS2	
Nursery and Rec	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6

N/A	N/A		N/A	For every, in every, to every, as many as, scale factor, enlargement,
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Maths Key Vocabulary						Algebra
EYFS	KS1		LKS2		UKS2	
Nursery and Rec	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
N/A	N/A	N/A	N/A	N/A	N/A	Formulae, equation, unknown, variable, expression, substitution, pairs of unknowns, term to term rule