



THE RADSTONE  
Primary School

# Mathematics

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VOCABULARY FRAMEWORK FOR EYFS, KEY STAGE 1 AND KEY STAGE 2



		Mathematics						
		Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and place value	Count	backwards	> and <	approximate	above zero	≈ is approximately equal to	factorise	
	Number	digit	consecutive	approximately	below zero	approximation	numbers to ten million+	
	More	even	continue	estimate	classify	ascending order	recurring	
	Less	exchange	exact	near double	consecutive	composite number		
	Fewer	fewer	exactly	one hundred less	hundred thousand	cube		
	Tens frame	first...second...	hundreds	one hundred more	integer	cubed number		
	Number line	forwards	nearest	place holder	minus	descending order		
	Number square	half-way between	numeral	relationship	negative integer	greater than or equal to ≥		
	Most	least	one- digit number	round down	negative number	less than or equal to ≤		
	least	most	partition	round up	next	million		
	number line	place, place value	zero to thousand+	numeral	one squared, two squared			
	number square	predict		one thousand less	etc			
	number track	represents		one thousand more	prime number			
	numbers to 100 (and beyond)	round		positive integer	Roman numerals to 1000 (M)			
	odd	rule		positive number	round to the nearest 10000			
	ones	sequence		property	round to the nearest 100000			
	repeating pattern	sequence		Roman numerals to 100 (I to C)	round to the nearest 100000			
	roughly	stands for		round to the nearest 10	square/d number			
	'teens' number	thousand		round to the nearest 100	term-to-term rule			
	tens	three-digit number		round to the nearest 1000	to the power of...			
	units	twenty-first, twenty-second....		sort				
		two-digit number		ten thousand				
		value		thousands				

		Mathematics						
	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
Addition and subtraction	Add Adding All together Subtract Take away Equals	- operation + plus = put together add sign difference subtract between take away equal to total how much less is...? less than minus more than number bond number fact no. sentence	addition calculate calculation correct difference inverse one hundred less one hundred more subtraction sum symbol tens boundary	column(ar) addition column(ar) subtraction equation exchange hundreds boundary inverse operation	decrease increase	tenths boundary units boundary	brackets common multiple long division long multiplication order of operations - BODMAS quotient recurring decimal	
Multiplication and division	Groups Group Share sharing	array count on (2s, 5s, 10s) equal to group grouping multiple share sharing	lots of groups of x times multiply multiplied by multiplicati on multiple of product twice as big as as long as as wide as repeated addition row	column share equally group in pairs equal groups of ÷ divide divided by divided into division inverse	equation inverse operation remainder	divisible by factor factor pair	common factor divisibility divisor factorise prime factor	

<b>Fractions</b>	Half	fraction half halve quarter whole	equal parts four quarters fraction one half one quarter one third one whole part three quarters two halves two quarters	denominator numerator one tenth tenths three thirds two thirds	decimal decimal fraction decimal place decimal point eighth fifth for every hundredth in every proportion simplify sixth twentieth	cancel common fraction improper fraction mixed fraction mixed number ninth per cent % percentage proper fraction reduced to simple fraction thousandth twelfth vulgar fraction	common denominator rational number thousandth
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Mathematics							
	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Measurement	Full	capacity	about	approximately	area	gallon	centilitre (cl)
	Empty	container	capacity	distance apart	breadth	imperial unit	cubic kilometre km <sup>3</sup>
	Nearly full	fast	Centigrade °C	distance between	convert	inch	cubic metre m <sup>3</sup>
	Nearly empty	faster	centimetre (cm)	distance from	measurement	pint	cubic millimetre mm <sup>3</sup>
	Size	fastest	contains	distance to	measuring cylinder	pound (lb)	feet
	Long	height	further	kilometre (km)	metric unit	square millimetre (mm <sup>2</sup> )	foot
	Length	length	furthest	mile	pint	volume in cm <sup>3</sup>	miles per hour
	Short	line	gram (g)	millimetre (mm)	square centimetre (cm <sup>2</sup> )		ounce (oz)
	Shortest	mass	half-kilogram	perimeter	square metre (m <sup>2</sup> )	arrive	tonne
	Heavy	metre	half-litre		standard unit	depart	yard
	Light	metre stick	kilogram (kg)	amount			
	Balance	roughly	litre (l)	least expensive	date of birth	currency	loss
	Weight	ruler	m to represent metre	less expensive	millennium	discount	profit
	Scales	volume	mass	more expensive			
		weighing scale	measuring scale	most expensive			
	Day	weight	millilitre (ml)	value	Roman numerals I to XII		
	Night	width	tape measure	worth			
	Week		temperature				
	Month	always	thermometer				
	Year	autumn	volume				
	half past	weight		12-hour clock			
	how long ago...?			24-hour clock			
	how long will it be to...?	analogue clock		am			
	how long will it take to...?	digital clock		calendar			
	how often...?	fortnight		century			
	midnight	January,		date			
	month	February...December		earliest			
	never	minute		latest			
	once	quarter past		leap year			
	sometimes	quarter to		noon			
	spring	second		pm			
	summer						
	twice	£ and p					
	usually	bought					
	weekend	change					
	winter	note (and the names of notes)					
	year	sold					
	names of coins						

		Mathematics						
		Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Properties of shapes	Square	cuboid	2D	vertices	acute angle	base	angle(s) at a point	arc
	Circle	cylinder	3D		angle	closed	angle(s) on a straight line	circumference
	Rectangle	point	circular		greater angle than...	concave	axis of symmetry	concentric
	Triangle	pointed	edge		hemisphere	construct	congruent	cross-section
	Pentagon	set	hexagon		hexagonal	convex	degrees	diameter
	Hexagon	sort	horizontal		irregular	cylindrical	diagonal	dodecahedron
	Octagon		kite		non-symmetrical	equilateral triangle	octahedron	geometric
	Cube		line of		obtuse angle	heptagon	reflective symmetry	icosahedron
	Sphere		symmetry		octagonal	isosceles triangle	reflex angle	intersecting
	Curved		mirror line		parallel	line symmetry		intersection
	Straight		oblong		pentagonal	open		kite
	Sides		octagon		perpendicular	parallelogram		net
Position and direction	Up	anti-clockwise	compass point			angle measurer	protractor	four quadrants
	Down	centre	east			compasses	rotation symmetry	
	Turn	clockwise	higher			coordinates		
	Next to	direction	lower			degree		
	Behind	half turn	map			first quadrant		
	In front	journey	north			NE, NW, SE, SW		
	Above	position	NSEW			north-east		
	Below	quarter turn	plan			north-west		
	In between	three-quarter turn	route			origin		
	Forwards	turn	south			plot		
	backwards	underneath	straight line			rotate		
		whole turn	west			set square		
					south-east			
					south-west			
					translation			

Mathematics						
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Statistics		block diagram category column diagram label least common least popular most common most popular pictogram represent row scale table tally	tally chart title  axes axis bar chart Carroll diagram chart column data frequency table grid interval row Venn diagram	interpret questionnaire survey time graph	bar line chart database line graph maximum minimum mode outcome range timetable value x-axis y-axis	average distribution mean median pie chart rate sample statistics
Algebra						algebra algebraic equation equivalent expression evaluate expression formula formulae symbol unknown variable
Ratio and proportion						comparison proportion quantities ratio scale scale factor

