

Mathematics Vocabulary

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and Place	One, Two, Three, Four, Five,	Place value	Place value	Place value	Multiple	Place value
	Six, Seven, Eight, Nine, Ten,	Digit	Digit	Digit	(Common) factor	Digit
Value	Eleven, Twelve, Thirteen,	One-digit	Hundreds	Thousands	Divisible	Negative number
	Fourteen, Fifteen, Sixteen,	Two-digit	Tens	Hundreds	Factor pairs	(Common) multiple
	Seventeen, Eighteen,	Three-digit	Ones	Tens	Prime number, Composite	(Common) factor
	Nineteen, Twenty	Hundreds, tens, ones (units)	Estimate	Ones	number	Divisible
	More than, greater, larger,	Number words to one	Number line	Zero	Square number, Cube number	Prime number, Composite
	bigger	hundred	Scale	Roman Numeral	Power	number
	Less than, fewer, smaller	Estimate	Multiple	Estimate	Place value	Approximate (noun and verb)
	Equal to, the same amount as,	Represent	More	Number line	Digit	Round
	as many as	Partition	Less	Scale	Roman numerals	Decimal place
	Greatest/	Exchange	Positive	Multiple	Negative number	Check
	Most/biggest/largest	Greater than / Less than,	Number line	More		Solution
	Least/fewest/smallest	Greatest / Least		Less		Answer
	Hundreds, Tens, units (ones)	Value	Notation	Positive	Notation	Estimate (noun and verb)
	Exchange	Order	Use of <, > and = symbols	Negative	5 ² is read as '5 to the power	Order of magnitude
	Digit	Steps	when comparing numbers	(One, Two) Decimal Place	of 2' or '5 squared' and means	Accurate
		Multiple (of)			'2 lots of 5 multiplied	Accuracy
	Notation	Tens		Estimating:	together'	
	The equals symbol (=)	Digits		Approximate (noun and verb)	5 ³ is read as '5 to the power	Notation
		Pattern		Round	of 3' or '5 cubed' and means	The approximately equal
		Sequence		Decimal place	'3 lots of 5 multiplied	symbol (≈)
		Count on/ back		Check	together'	
		Forward/ backward		Solution		
		Predict		Answer	Estimating:	
		Rule		Estimate (noun and verb)	Approximate (noun and verb)	
				Estimate (noun and verb)	Round	
		Notation:		Notation	Decimal place	
		<, > and = signs		The approximately equal	Check	
				symbol (≈)	Solution	
				Symbol (~)	Answer	
					Estimate (noun and verb)	
					Accurate	
					Accuracy	
					Notation	
					The approximately equal	
					• • • • • • • • • • • • • • • • • • • •	
Calandatina	A dalitica canad	A -1 -1:4:1	A daliti a a a a d	A daliti a a a a d	symbol (≈)	Addition
Calculating	Addition and	Addition and	Addition and	Addition and	Addition and	Subtraction
	subtraction:	subtraction:	subtraction:	subtraction:	subtraction:	Sum, Total
	One more, one less	Add, subtract	Calculation	Addition	Addition	Difference, Minus, Less
	Count on, count back	Count on, count back	Calculate	Subtraction	Subtraction	Column addition
	One hundred	More, less	Addition	Sum, Total	Sum, Total	Column subtraction

	Number bonds/ number facts	Plus, minus, total, sum	Subtraction	Difference, Minus, Less	Difference, Minus, Less	Operation
	Addition facts/ subtraction	Difference between	Sum, Total	Column addition	Column addition	Multiply, Multiplication
	facts	Partition	Difference, Minus, Less	Column subtraction	Column subtraction	Times
	Fact family	Bridge	Column addition	Exchange	Exchange	Product
	Add, subtract	Round, adjust	Column subtraction	Operation	Operation	Commutative
	1	Inverse	Exchange	Estimate		Factor
	Count on, count back	Number line	_	Estillate	Estimate	
	More, less		Operation			Short multiplication
	Plus, minus, total, sum	Number facts	Estimate	Multiplication and	Multiplication and	Long multiplication
	Difference between	Multiple of ten, tens	Inverse	· ·	l '	Estimate
	Equal, equal to	boundary	Operation	Division:	Division:	DIVISION:
				Mental arithmetic	Multiply, Multiplication,	Commutative
	Notation	Multiplication and	Multiplication and	Place value	Times, Product	Divide, Division, Divisible
	The symbols '+', '-' and '='	•	Division:	Multiply, Multiplication,	Commutative	Divisor, Dividend, Quotient,
		Division:		Times, Product	Divide, Division, Divisible	Remainder
	Multiplication and	Calculation, Calculate	Calculation	Commutative	Divisor, Dividend, Quotient,	Factor
	Multiplication and	Multiplication table, Times	Calculate	Divide, Division	Remainder	Short division
	Division:	table	Mental arithmetic	Tenth, Hundredth	Factor	Long division
	Calculation, Calculate	Odd, Even	Multiplication table, Times	Factor, Factor product	Short multiplication, Long	Remainder
	Odd, Even	Multiply, Multiplication,	table	Short multiplication	multiplication	Operation
	Multiply, Multiplication,	Times, Product	Multiply, Multiplication	Operation	Short division	Estimate
	Times, Product	Repeated addition	Times	Estimate	Operation	
	Repeated addition	Array	Product		Estimate	Notation
	Array	Mathematical statement	Commutative		Estimate	Remainders are often
	Divide, Division	Commutative	Divide, Division		Notation	abbreviated to 'r' or 'rem'
	Groups	Divide, Division	Inverse		Remainders are often	
	Grouping	Inverse	Operation		abbreviated to 'r' or 'rem'	
	_		Estimate		abbreviated to 1 of Telli	
	Sharing	Operation				
		Nataria				
		Notation:				
		×, ÷ and = signs				_
Properties of Shape	2-D shape (polygon)	2-D shape (polygon)	Horizontal	Symmetry	Rectangle	Protractor
	Rectangle, square, circle,	Rectangle, Square, Circle,	Vertical	Line of symmetry, Mirror line	Square	Measure
	triangle and other 2-D shapes	Triangle and other 2-D shapes	Perpendicular	Reflect, Reflection	Quadrilateral	Nearest
	if appropriate	Quadrilateral	Parallel	Congruent	(Regular / irregular) polygon,	Construct
	3-D shape	Circular, Triangular,	Face, Edge, Vertex (Vertices)	Perpendicular, Parallel	pentagon, hexagon, octagon	Sketch
	Cuboid, cube, cone, cylinder,	Rectangular	Cube, Cuboid, Prism, Cylinder,	Vertex (Vertices)	(Right) angle	Cube, Cuboid, Cylinder,
	pyramid, sphere	3-D shape	Pyramid, Cone, Sphere	Side, Edge	Parallel	Pyramid, Prism
	Shape, pattern	Cuboid, Cube, Cone, Cylinder,	Quadrilateral	Quadrilateral	Perpendicular	Net
	Flat, curved, straight, round,	Pyramid, Sphere, Prism	Square, Rectangle,	Square, Rectangle,	Coordinates	Edge, Face, Vertex (Vertices)
	hollow, solid	Side, Corner, Line symmetry,	Parallelogram, (Isosceles)	Parallelogram, (Isosceles)		Visualise
	Corner, point, pointed	Vertical	Trapezium, Kite, Rhombus	Trapezium, Kite, Rhombus	Notation	Quadrilateral, Square,
	Face, side, edge, end	Mirror line, Reflection, Fold	Triangle, Circle	Triangle	Dash notation to represent	Rectangle, Parallelogram,
	Sort, make, build, draw	Edge, Vertex, Vertices, Face	Polygon, Hexagon, Pentagon,	Scalene, Right-angled,	equal lengths in shapes and	(Isosceles) Trapezium, Kite,
		Regular	Octagon, Decagon	Isosceles, Equilateral	geometric diagrams	Rhombus, Delta, Arrowhead
		Irregular	3 , 3	Polygon, Hexagon, Pentagon,	Right angle notation	Triangle, Scalene, Right-
			Notation	Octagon, Decagon	(Cartesian) coordinates	angled, Isosceles, Equilateral
			Arrow notation to represent	Circle	, , , , , , , , , , , , , , , , , , , ,	Polygon, Regular, Irregular
			parallel lines		Cube	Pentagon, Hexagon, Octagon,
			Right angle notation for	Notation	Cuboid	Decagon, Dodecagon
			perpendicular lines	Dash notation to represent	Cylinder	Circle, Radius, Diameter,
			perpendicular lilles	!		Circle, Radius, Diameter, Circumference, Centre
				equal lengths in shapes and	Pyramid	
				geometric diagrams	Prism	Parallel
	1			1	Cone	Diagonal

				Right angle notation to	Sphere	Angle
				indicate perpendicular lines	2D	
					3D	Notation
					Net	Dash notation to represent
					Sketch	equal lengths in shapes and
					Isometric paper	geometric diagrams
					<u> </u>	Right angle notation
Algebra proficiency;					Forwards	Formula, Formulae
using formula					Backwards	Expression
asing formala					Ascending	Variable
					Descending	Substitute
					Pattern	Symbol
					Sequence	Mile
						Kilometre
						Metric
						Imperial
						Notation
						When written algebraically a
						formula should not include
						any units.
Fractions, decimals	Part	Part	Fraction	Place value	Fraction	Fraction
	Equal	Equal	Unit fraction	Tenth, hundredth	Numerator	Improper fraction, Proper
and percentages	Whole	Whole	Non-unit fraction	Decimal	Denominator	fraction, Vulgar fraction, Top-
	Half, halves	Half, halves	Numerator	Divide	Improper fraction, Proper	heavy fraction
	Quarter	Quarter, three quarters	Denominator	Fraction	fraction, Vulgar fraction, Top-	Percentage
	Fraction	Third	Equivalent (fraction)	Numerator	heavy fraction	Decimal
	Numerator	Equivalent	Compare	Denominator	Tenth, hundredth, thousandth	Proportion
	Denominator	Fraction	Greater than, less than	Tenth	Per cent, Percentage	Simplify
		Numerator	,	Hundredth	Decimal	Equivalent
	Notation	Denominator	Notation	Decimal	Equivalent	Lowest terms
	Horizontal bar for fractions; $\frac{1}{2}$,	Unit fraction, non-unit	Horizontal bar for fractions		-4	
	1	fraction	Diagonal bar for fractions	Notation	Notation	Notation
	4		Use of <, > and = symbols	Decimal point	Diagonal fraction bar /	Diagonal fraction bar /
	Diagonal bar for fractions; 1/2,	Notation	when comparing fractions	t, h notation for tenths,	horizontal fraction bar	horizontal fraction bar
	1/4	Horizontal bar for fractions		hundredths		
		Diagonal bar for fractions	Place value		Place value	
		S	Tenth		Tenth, hundredth, thousandth	
			Decimal	Eraction	Decimal	
			Divide	Fraction Unit fraction, non-unit	Proper fraction, Improper	
			Fraction		fraction, top-heavy fraction	
			Unit fraction	fraction Improper fraction	Vulgar fraction	
			Non-unit fraction	· · ·	Numerator, denominator	
			Numerator	Top-heavy fraction	Percent, percentage	
			Denominator	Numerator, denominator	,,	
			Add	Add, subtract	Notation	
			Subtract	Equivalent (fraction)	Decimal point	
				Family	t, h, th notation for tenths,	
			Notation	Notation	hundredths, thousandths	
			Decimal point	Notation Horizontal bar for fractions	Horizontal / diagonal bar for	
			t notation for tenths	Diagonal bar for	fractions	
		•		Luagonal nar tor	1	1
			Horizontal bar for fractions	fractions		

		Ī	1	1	Ī	Droportion
Proportional						Proportion
reasoning						Quantity
						Integer
						Similar (shapes)
						Enlargement
						Scale factor
						Group
						Share
						Multiples
Pattern sniffing						Pattern
r accern siming						Sequence
						Linear
						Term
						Ascending
						Descending
				<u> </u>		1
Measure	Time:	Time:	Time:	Time and money:	Space:	Length, distance
	Day, week, month, season,	Time	Analogue	Analogue	Length, distance	Mass, weight
	year, leap year	Hour, minute, second	12-hour	Digital	Mass, weight	Volume
	Weekend, fortnight	Day	24-hour	12-hour	Volume	Capacity
	Sunday, Monday, Tuesday,	o'clock	o'clock	24-hour	Capacity	Metre, centimetre, millimetre
	Wednesday, Thursday, Friday,	Half past	Morning	Second, Minute, Hour	Metre, centimetre, millimetre	Tonne, kilogram, gram,
	Saturday	Quarter to, quarter past	Afternoon	Day, Week, Month, Year	Kilogram, gram	milligram
	January, February, March,	Clock	Noon, Midnight	Pound (£)	Litre, millilitre	Litre, millilitre
	April, May, June, July, August,	Hands	Second, Minute, Hour	Pence (p)	Hour, minute, second	Hour, minute, second
	September, October,	Analogue	Day, Week, Month	Length	Inch, foot, yard	Inch, foot, yard
	November, December	Interval	Year	Mass	Pound, ounce	Pound, ounce
		Interval			1	Pint, gallon
	Before, after, next, first,	Manager	Leap year	Volume	Pint, gallon	, 0
	today, yesterday, tomorrow,	Notation	Roman Numeral			Notation
	morning, afternoon, evening	A colon is used to separate		Notation	Notation	Abbreviations of units in the
	Clock	hours and minutes when	Notation	£ and p	Abbreviations of units in the	metric system: m, cm, mm,
	Hand, hour hand, minute	writing the time	The Roman numeral for 4 is	12-hour and 24-hour notation	metric system: m, cm, mm,	kg, g, l, ml
	hand		IV. It is the only exception to	use a ':', for example 18:40	kg, g, l, ml	Abbreviations of units in the
	Hour, minute	Space:	the rules of Roman numerals	and 9:30 a.m.	Abbreviations of units in the	
	o'clock, half past	Unit	as it is sometimes written IIII		Imperial system: lb, oz	Imperial system: lb, oz
		Length, height, distance,	on a clock or watch			
	Notation	width, breadth	Using a.m. and p.m. for 12-	Space:	Space:	
	A colon is used to separate	1	hour clock notation	·	Perimeter	
	hours and minutes when	Mass, weight		Length, distance		
	writing the time	Temperature		Mass	Area	
		Capacity, volume	Space:	Volume	Volume	
	Space	Metre, centimetre	Length, distance	Capacity	Capacity	
	Space:	Gram, kilogram	Mass	Metre, centimetre, millimetre	Dimensions	
	Measure	Litre, millilitre	Volume	Kilogram, gram	Square, rectangle	
	Length, height, distance	Degrees Celsius	Capacity	Litre, millilitre	Composite rectilinear	
	Mass, weight	Ruler, metre stick, tape	Metre, centimetre, millimetre	Hour, minute, second	Polygon	
	Time	measure	Kilogram, gram	Decimal	Cube, cuboid	
	Capacity, volume	Scale, scales	Litre, millilitre		Millimetre, Centimetre,	
	Long, short, longer, shorter,	Thermometer	Perimeter	Notation	Metre, Kilometre	
	tall, taller	Container, vessel	2-D	Abbreviations of units in the	Square centimetre, square	
	Heavy, light, heavier, lighter	Order, Compare, greater than,	2-0	metric system: m, cm, mm,	metre	
	Full, empty, half full	less than	Natation	kg, g, l, ml	Cubic centimetre, centimetre	
	Quicker, slower, earlier, later		Notation	3. 3. 7	cube	
	Zanonon, sie men, carmen, later	Notation		Perimeter	Square unit	
	1	Notation	I.	i crimeter	Square unit	

	More than, greater than, less	Abbreviations of units: m, cm,	Abbreviations of units in the	Area		
	than	g, kg, l, ml, °C	metric system: m, cm, mm,	Dimensions	Notation	
	Double, half, quarter	The symbols >, < and =	kg, g, l, ml	Square	Abbreviations of units in the	
	Hour, minutes, second	, ,		Rectangle	metric system: km, m, cm,	
	Ruler		Money:	Rectilinear	mm, cm ² , m ² , cm ³	
	Container	Money:	1	Polygon		
	Order, Compare	Money	Money Coin	Millimetre, Centimetre,	Time:	
	·	Coin	Change	Metre, Kilometre	Millennium	
	Money:	Change	Note		Century	
	Money	Note	Note	Notation	Decade	
	Coin		Notation	Abbreviations of units in the	Year	
	Note	Notation	Pounds (£)	metric system: km, m, cm,	Month	
	11010	Pounds (£)	Pence (p)	mm	Week	
		Pence (p)	(1)		Day	
					Hour	
					Minute	
					Second	
					Timetable	
					Notation	
					12- and 24-hour clock	
					notation	
					24-hour clock notation can be	
					with or without a colon	
					separating hours and minutes	
					Analogue clocks with Arabic	
					or Roman numerals	
Position and direction	Position	Forwards, Backwards	Angles:	Angles:	Angles:	Angle
	Direction	Left, Right	Half	Turn	Turn	Degrees
	Top, middle, bottom	Angle	Quarter	Angle	Angle	Right angle
	On top of	Right angle	Three quarters	Right angle	Degrees	Acute angle
	In front of Above	Turn Quarter, Half, Three quarters	Angle Turn	Acute angle	Right angle	Obtuse angle
	Between	Rotation	Right angle	Obtuse angle	Acute angle	Reflex angle Protractor
	Around, Near, Close, Far	Position	Greater than, less than	Greater than, less than	Obtuse angle	Vertically opposite
	Up, Down	Direction	Greater triair, less triair		Reflex angle	vertically opposite
	Inside, Outside	Straight	Notation	Notation	Protractor	Notation
	Forwards, Backwards	Line	Right angle notation	Right angle notation		Right angle notation
	Left, Right	Clockwise, anticlockwise	The stigle flotation	Arc notation for all other	Notation	Arc notation for all other
	Half turn, Quarter turn, Three-			angles	Right angle notation	angles
	quarters turn			Mayamanti	Arc notation for all other	The degree symbol (°)
	Straight			Movement: 2-D	angles The degree symbol (°)	
	Line			Grid	The degree symbol (°)	
	Clockwise			Axis, axes, x-axis, y-axis	N/avana ant	
				Origin	Movement:	
				(First) quadrant		
				(Cartesian) coordinates	2-D	
				Point	Grid	
				Translation	Axis, axes, x-axis, y-axis	
				Transformation	Origin	
				Left, right, up, down	(First) quadrant	
					(Cartesian) coordinates	

	1		I a	I a · ·
			Notation	Point
			Cartesian coordinates should	Translation
			be separated by a comma and	Reflection
			enclosed in brackets (x, y)	Transformation
				Object, Image
				Congruent, congruence
				Notation
				Cartesian coordinates should
				be separated by a comma and
				enclosed in brackets (x, y)
Ctatistics	Data	Data	Data	Data
Statistics	Pictogram	Pictogram	Pictogram	Scale
	Tally, Tally chart	Symbol	Symbol	Axis
	Block diagram	Key	Key	Graph
	Table	Tally	Tally	Frequency
	Category, Categorical data	Bar chart	Bar chart	Time graph, Time series
	Total	Table		
		Total	Time graph Scale	Line graph
	Compare		Axis	Bar-line graph, vertical line chart
	Natation	Compare		
	Notation	Axis	Graph	Maximum, minimum
	When tallying, groups of five		Frequency	
	are created by striking	Notation		
	through each group of four	When tallying, groups of five		
		are created by striking		
		through each group of four		