

Mathematics Vocabulary Progression

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

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

Fractions	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

Mathematics						
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Measurement	capacity container fast faster fastest height length line mass metre metre stick roughly ruler volume weighing scale weight width	about capacity Centigrade °C centimetre (cm) contains further furthest gram (g) half-kilogram half-litre kilogram (kg) litre (l) m to represent metre mass measuring scale millilitre (ml) tape measure temperature thermometer volume weight	approximately distance apart distance between distance from distance to kilometre (km) mile millimetre (mm) perimeter	area breadth convert measurement measuring cylinder metric unit pint square centimetre (cm ²) square metre (m ²) standard unit	gallon imperial unit inch pint pound (lb) square millimetre (mm ²) volume in cm ³ arrive depart currency discount	centilitre (cl) cubic kilometre km ³ cubic metre m ³ cubic millimetre mm ³ feet foot miles per hour ounce (oz) tonne yard loss profit
	always autumn half past how long ago...? how long will it be to...? how long will it take to...? how often...? midnight month never once sometimes spring summer twice usually weekend winter year names of coins	analogue clock digital clock fortnight January, February...December minute quarter past quarter to second £ and p bought change note (and the names of notes) sold	amount least expensive less expensive more expensive most expensive value worth Roman numerals I to XII 12-hour clock 24-hour clock am calendar century date earliest latest leap year noon pm	date of birth millennium		

Mathematics						
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Properties of shapes	cuboid cylinder point pointed set sort	2D 3D circular edge hexagon horizontal kite line of symmetry mirror line oblong octagon pentagon polygon prism property quadrilateral rectangular reflection surface triangular vertex vertical	acute angle angle greater angle than... hemisphere hexagonal irregular non-symmetrical obtuse angle octagonal parallel pentagonal perpendicular polyhedron regular right angle right-angled triangle semi-circle smaller angle than...	base closed concave construct convex cylindrical equilateral triangle heptagon isosceles triangle line symmetry open parallelogram polygon polyhedron reflect rhombus scalene triangle sketch spherical square-based tetrahedron trapezium	angle(s) at a point angle(s) on a straight line axis of symmetry congruent degrees diagonal octahedron reflective symmetry reflex angle	arc circumference concentric cross-section diameter dodecahedron geometric icosahedron intersecting intersection kite net plane radius tangram vertically opposite angles

Position and direction	anti-clockwise	compass point		angle measurer	protractor	four quadrants
	centre	east		compasses	rotation symmetry	
	clockwise	higher		coordinates		
	direction	lower		degree		
	half turn	map		first quadrant		
	journey	north		NE, NW, SE, SW		
	position	NSEW		north-east		
	quarter turn	plan		north-west		
	three-quarter turn	route		origin		
	turn	south		plot		
	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