Rickmansworth Park JMI School

Maths Vocabulary Progression YR-Y6

Reception	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**
Number and Place Value						
count	sort	count in steps	ascending	negative numbers	ten thousands	millions
subitise	represent	count in multiples	descending	Roman numerals	one hundred thousands	ten millions
order/ordinal	multiples	place value	10 or 100 more	1000 more	powers of	digit
compare	partitioning	estimate	10 or 100 less	1000 less	integer	expanding notation
forwards	ones	compare	hundreds	thousands		negative/positive
backwards	tens	greater than		round		numeral
numerals	greater than	less than		compare		approximating
digit	most			partitioning		approximate
one more	number line			numberline		accurate
one less	number track					
equal to	100 square					
more than	digit					
less than (fewer)	order					
	teens					

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Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Addition and Subtraction						
add	addition/add	sum	column addition	4-digit number		
plus	subtraction	*3-digit numbers*	column subtraction	operations		
altogether	difference	commutative	exchange	methods		
total	equals	exchange	estimate			
take away/minus	facts		ones			
number bonds	problems		tens			
part/whole	missing number problems		3 digit-number			
	2-digit numbers		inverse			
	inverse		across 1, across 10			
	as many as before		hundreds column			
	as many as after		tens column			
	calculate		ones column			
	calculation		bar model			
	explain		plus			
	how many makes		minus/subtract			
	more/less		increase			
	number bonds		decrease			
	number sentence		partitioned			
	total		multiple			
	altogether					
	bar chart					

WORKING DOCUMENT

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Multiplication and Division						
double	multiplication	multiplication tables	exchange	factor pairs	multiples	multi-digit numbers
half	division	commutative	mathematical statements	formal written method	factors	long division
twice as many	arrays	repeated addition	missing number problems	distributive law	prime numbers	common factors
equal	count in 2s, 5s,10s		integer scaling problems	remainders	square numbers	common multiples
unequal	patterns		correspondence problems		cube numbers	
share	equal groups		derived facts		short division	
group			doubling		product	
odd			halving		divisor	
even			multiply by		quotient	
			factors		operations	
			product			
			groups of			
			array			
			repeated addition			
			commutative			
			row, patterns			
			column			
			tables			
			AVOID TIMES!			

WORKING DOCUMENT

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Fractions, decimals and percentages						
	whole	three quarters	tenths	decimal equivalence	fifth	lowest common multiple
	half	third	equivalent	hundredth	thousandths	highest common factor
	quarter	equivalent fractions	compare	convert	mixed numbers	simplest form
	equal parts	unit fractions	scale	proper fractions	per cent %	simplify
	halve	non-unit fractions	interval	improper fractions	factors	cancel
	share	numerator		decimal point	integers	convert
		denominator		whole	complement	equivalent
		equivalence		mixed numbers	tenths	percent parts
				equivalent	hundredths	vincula
					decimal place	common denominator
					equal parts	
					fraction equivalent	
					decimal equivalent	
YR	Y1	Y2	Y3	Y4	Y5	Y6
Ratio and Proportion						
						relative size
						missing values
						integer multiplication
						percentages
						scale factor
						unequal sharing & grouping

WORKING DOCUMENT

YR	Y1	Y2	Y3	Y4	Y5	Y6
Algebra						
						formula/e
						linear number sequence
						algebraically
						equation
						unknowns
						combinations
						variables

WORKING DOCUMENT

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Measurement-measure and length						
measure	compare	standard units	millimetre mm	kilometres km	decimal notation	conversion
wide (er)		estimate	perimeter	rectilinear figure	scaling	miles
narrow (er)		order	centimetre cm	area	metric units	formulae
compare		record results	metres m	right angle	imperial units	parallelograms
long (er)(est)		centimetre cm	edges	quadrilateral	inches	triangles
long(er)(est)		metre m	distance	compare	compound shape	feet
length			longer/shorter	rectangle	irregular shapes	polygon
			equal sides	oblong	square centimetres	
			approximately	square	square metres	
			just over/under	width	rectilinear shape	
				length	compound shape	
				height	approximate	
				mm, cm ,m	estimate	
					part covered	

WORKING DOCUMENT

YR	Y1	Y2	Y3	Y4	Y5	Y6
Measurement-height, weight, capacity						
height	mass	kilogram (kg)			cubic centimetre	cubic metre
long(er)(est)/short(er)	volume	gram (g)			pounds	cubic millimetre
tall(er)/short(er)		quarter full			pints	cubic kilometre
weight		three-quarters full				gallons
capacity		litres l				stones
heavy/light		millimetres ml				ounces
heavier than		temperature				
lighter than		Celsius				
big/bigger/biggest		scales				
full/empty						
more than						
less than						
full/empty						
half/half full						

WORKING DOCUMENT

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Measurement-Time						
time	chronological order	intervals of time	analogue clock	convert		
quicker	days of the week	quarter past/to	roman numerals			
slower	months of the year	duration	12-hour clock			
earlier	month	analogue	24-hour clock			
later	year	digital	a.m/p.m			
before	o'clock		noon			
after	half past		midnight			
first	second		leap year			
next			digital			
today						
yesterday						
tomorrow						
morning						
afternoon						
evening						
day						
week						
hour						
minutes						

WORKING DOCUMENT

YR	Y1	Y2	Y3	Y4	Y5	Y6
Measurement-Money						
	money	value	cost			
	coins	change	pence			
	notes	amount	pound			
	pounds £	difference	change			
	pence p		difference			
			cheap/expensive			
			total			
			how much			
			less than			
			more than			

WORKING DOCUMENT

YR	Y1	Y2	Y3	Y4	Y5	Y6
Geometry-properties of shape						
2-d shapes	sides	pentagon	right-angle triangle	isosceles	regular polygon	radius
rectangle	corners	hexagon	heptagon	equilateral	irregular polygon	diameter
square	properties	line of symmetry	octagon	scalene		circumference
circle	pyramids	properties	polygon	trapezium		dimensions
triangle	faces	cylinder	properties	rhombus		right angled triangle
characteristics		edges	prism	parallelogram		
3-d shapes		vertices		kite		
cuboids		vertex		geometric shapes		
cubes		prism		quadrilateral		
cone		heptagon				
spheres		octagon		rectangle		
curved		hemisphere		oblong		
straight				square		
flat				width		
				length		
				compare		
				length		
				height		
				polygon		
				rectilinear		
				perimeter		

WORKING DOCUMENT

YR	Y1	Y2	Y3	Y4	Y5	Y6
Geometry-properties of shape 2						
			orientations	right angle	reflex angles	
			angles		degrees	
			acute angle		one whole turn	
			obtuse angle		angles on a straight line	
			turn		angles around a point	
			right-angles		vertically opposite	
			half turn		missing angles	
			three-quarters of a turn			
			greater than a right angle			
			less than a right angle			
			horizontal lines			
			vertical lines			
			perpendicular lines			
			parallel lines			

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Geometry-Position and Direction						
Reception	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**
over	position	clockwise		co-ordinates	reflection	four quadrants
under	direction	anti-clockwise		first quadrant		co-ordinate plane
between	movement	straight line		grid		
around	whole turn	rotation		translation		
through	quarter turn	arrange		plot		
on	half turn	sequences		polygon		
into	three quarter-turn	left		axis		
next to		right				
behind		above				
beneath		below				
order		forwards				
repeat		backwards				
patterns		opposite				
on top of						

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Statistics						
Reception	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**
		pictograms	table	time graph	timetable	pie chart
		tally chart	bar chart	discrete data	two-way tables	mean
		block diagram	one-step problem	continuous data		
		category	two-step problem	line graph		
		sorting		comparison problem		
		totalling		sum problem		
		comparing		difference problem		
		horizontal		calculate		
		vertical		interpret		

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