



Parklands Primary School Whole School Vocabulary Progression - Maths

Number and Place Value						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
count	sort	count in steps	ascending	negative number	ten thousand	millions
subitise	represent	count in multiples	descending	1000 more	one hundred	ten millions
order	multiples	consecutive	10 or 100 more	1000 less	thousand	triangular number
ordinal	partition	place value	10 or 100 less	thousands	powers of	
compare	partitioning	estimate	hundreds	round to the nearest	integer	
forwards	ones	compare	roman numerals	equation		
backwards	tens	sum	baker's dozen	gross (144)		
numerals	ordinal number					
digit						
one more						
one less						
equal to						
more than						
less than						
fewer						
tens frame						

Addition and Subtraction						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
add	addition	sum	column addition	4-digit number		
plus	add	3-digit number	column subtraction	operation		
altogether	subtract	commutative ($4+5=5+4$)	exchange	method		
total	subtraction		estimate			
take away	difference					
minus	equals					
number bond	equal to					
part	facts					
whole	problems					
digit	missing number					
1 digit number	2 digit number					



Multiplication and Division						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
double half twice as many equal unequal share group odd even	multiply multiplication divide division arrays	multiplication tables/times tables commutative ($4 \times 5 = 5 \times 4$) multiple repeated addition	exchange mathematical statement missing number scale correspondence problem derived facts	factor pairs factors formal method informal method distributive law reminder bus stop method expanded method product	prime number square number cube number composite number short division dividend divisor quotient operations	multi digit number long division
Fractions/Decimals/Percentages						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	whole half quarter equal parts	three quarters third equivalent fractions unit fractions non unit fractions numerator denominator one whole	tenths	decimal equivalent fifth hundredths convert proper fractions improper fractions decimal fractions mixed numbers integer	thousandths percent % factors complements	
Ratio and Proportion						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
						relative size missing values integer multiplication percentages



						scale factor unequal sharing and grouping
Algebra						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
						formulae linear algebraically equation unknowns combinations variables
Measurement - Measure and Length						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
measure wide wider narrow narrower compare long longer longest short shorter shortest length	compare	unit of measure estimate order record results centimetre cm metre m	millimetre mm perimeter	kilometres km rectilinear shape area	decimal notation scaling metric unit imperial unit inches compound shape irregular shape square centimetres square metres	conversion miles formulae parallelograms feet
Measurement - Height, Weight and Capacity						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
height long	mass volume	kilogram kg	millimetres breadth	kilometre	cubic centimetre pounds	cubic meter cubic millimetre



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longer		gram	width		pints	cubic kilometre
longest		g				gallons
tall		quarter full				stones
taller		three quarters full				ounces
tallest		litres				
weight		l				
capacity		millilitres				
heavy		ml				
light		temperature				
heaviest than		celsius				
lighter than		centimetres				
big		metres				
bigger						
biggest						
full						
empty						
more than						
less than						
half/half full						

Measurement - Time

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

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morning afternoon evening day week hour minute						
Measurement - Money						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	money coins notes pounds £ pence p	value change				
Geometry - Properties of Shape						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
2d shapes rectangle square circle triangle 3d shapes cuboid cube cone sphere curved straight flat	sides corners properties pyramids faces	pentagon hexagon line of symmetry symmetrical properties cylinder edges vertices vertex	right angle triangle heptagon/septagon hendecagon octagon polygon oblong (rectangle) properties prism orientations angles acute angle obtuse angle turn right angle half turn	isosceles equilateral scalene trapezium rhombus/lozenge parallelogram kite geometric shape quadrilateral regular shape irregular shape axis of symmetry	regular polygon irregular polygon reflex angles degrees one whole turn angles on a straight line angles around a point missing angles bisect	radius diameter circumference dimensions quadrant rotational symmetry tessellation

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			three quarters of a turn greater than right 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 under between around through on into next to behind beneath order repeat patterns on top of	position direction movement whole turn quarter turn half turn three quarter turn	clockwise anti-clockwise straight line rotation arrange sequences horizontal vertical		co-ordinates first quadrant grid translation plot polygon axis	reflection	four quadrants co-ordinate plane

Statistics

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		pictograms tally chart block diagram	table bar chart one step problem	time graph discrete data continuous data	timetable two-way tables	pie chart mean median

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		category sorting totalling comparing horizontal vertical	two step problem	line graph comparison problem sum problem difference problem calculate interpret		mode average
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