

Number - Number and place value

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
count	sort	Numbers to 100	Numbers to 1000	negative numbers	ten thousands	millions
zero	represent	Hundreds	ascending	integers	one hundred thousands	ten millions
subitise	multiples	count in multiples/ steps	descending	roman numerals	powers of	Factorise
order/ordinal	partitioning	place value	10 or 100 more	1000 more	integer	Prime factor
compare	ones	estimate	10 or 100 less	1000 less	Consecutive	Digit total
Forwards/ backwards	tens	compare	hundreds	thousands	Formula	
Is the same as/ equal to	Place value	Greater than >		round	Square number	
numerals	Compare	Less than <		relationship	Prime number	
digit	First, second, third...	One, two or three-digit number		minus	Ascending/ descending order	
one more/ one less	Last, before, after					
More than/ less than (fewer)	Next, between					
pattern	Half way between					
pair	Above, below					
Odd/ even						

Addition and subtraction

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
add	addition/add	sum	column addition	4-digit number	Ones boundary	Order of operations
plus	subtraction	3-digit number	column subtraction	operations	Tenths boundary	
altogether	difference	commutative	exchange	methods	Efficient written method	
total	equals	Tens boundary	estimate	inverse		
take away /minus	facts		Hundreds boundary			
number bonds	problems					
part	missing number problems					
whole	2-digit number					
digit	inverse					
Halve, double	Number bonds					

Multiplication and division

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
double	multiplication	multiplication tables	exchange	factor pairs	multiples	multi-digit numbers
half	division	commutative	mathematical statements	formal written layout	factors	long division
twice as many	arrays	repeated addition	missing number problems	distributive law	prime numbers	Common factors
equal	Multiply	Left, left over	integer scaling problems	remainders	square numbers	Common multiples
unequal	Grouping/ sharing	Row, column	correspondence problems	product	cube numbers	
share	Number patterns	Multiplication table	derived facts	Square, squared	short division	
group			Multiple	Cube, cubed	dividend	
odd			factor		divisor	
even					quotient	
					operations	

Measurement (Measure and Length)

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
measure	compare	standard units	millimetre mm	kilometres km	decimal notation	conversion
wide(er)	Metre stick	estimate	perimeter	rectilinear figure	scaling	miles
narrow(er)	ruler	order		area	metric units	formulae
compare		record results			imperial units	parallelograms
long(er)(est)		centimetre cm			inches	triangles
short(er)(est)		metre m			compound shape	feet
length		Tape measure			irregular shapes	
Thick, thin					square centimetres	
Far, near, close					square metres	

Measurement (Height, Weight and Capacity)

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
height	mass	kilogram kg		Measuring cylinder	cubic centimetre	cubic metre
long(er)/short(er)	volume	gram g			pounds	cubic millimetre
tall(er)/short(er)	balances	quarter full			pints	cubic kilometre

weight		three quarters full				gallons
capacity		litres l half litre				stones
heavy/light		millilitres ml				ounces
heavier than		temperature				
lighter than		Celsius				
big/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	<i>days of the week</i>	quarter past/to	roman numerals	Timetable, arrive, depart		
slower	<i>months of the year</i>	duration	12-hour clock			
earlier	month	5, 10, 15... minutes past	24-hour clock			

later	year	Hour hand	a.m./p.m.			
before	o'clock	Minute hand	noon			
after	half past		midnight			
first	second		leap year			
next			digital			
today						
yesterday						
tomorrow						
morning						
afternoon						
evening						
day						
week						
hour						
minutes						
seasons						

Measurement (Money)

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Money	money	value			Currency	
Coin	coins	change			discount	
Cost, price	notes	total				
Pay	pounds £					
Spend, spent	pence p					

SUMMER TERM**Geometry – Properties of Shape**

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
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	tetrahedron	circumference
circle	pyramids	properties	polygon	trapezium		dimensions
triangle	faces	cylinder	properties	rhombus		
characteristics	Repeating pattern	edges	prism	parallelogram		
3-d shapes	Same shapes as EYFS	vertices	perimeter	kite		
cuboids		vertex	hemisphere	geometric shapes		
cubes		Circular		quadrilaterals		
cone		rectangular		area		
spheres				polygon		
curved						
straight						
flat						
Hollow						

pattern						
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Geometry – Properties of shape (2) [Angles]

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		Straight line	orientations		reflex angles	
		Right angle (Y3) but can be introduced	angles		degrees	
			acute angle		one whole turn	
			obtuse angle		angles on straight line	
			turn		angles around a point	
			right angles		vertically opposite	
			half turn		missing angles	
			three quarters of a turn		protractor	
			greater than right angle			
			less than 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/anti-clockwise	Right angle	co-ordinates	reflection	four quadrants
under	direction	straight line		first quadrant		co-ordinate plane
between	movement	rotation		grid		
around	whole turn	arrange		translation		
through	quarter turn	sequences		plot		
on	half turn	Right angle		polygon		
into	three-quarter turn	Straight line		axis		
next to						
behind						
beneath						
order						
repeat						
patterns						

on top of						
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Statistics						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Count	Same as EYFS	pictograms	table	time graph	timetable	pie chart
Sort		tally chart	bar chart	discrete data	two-way tables	mean
Group, set		block diagram	one-step problem	continuous data	X axis and y axis	distribution
list		category	two-step problem	line graph	Maximum, minimum	
		sorting		comparison problem		
		totalling		sum problem		
		comparing		difference problem		
		horizontal		calculate		
		vertical		interpret		
		Graph, label, title				
		Most popular, most common				
		Least popular, least common				