Maths Vocabulary and Terminology Progression

Early Years Foundation Stage

Number & Place Value	Addition & Subtraction	Multiplication & Division	Measurement (Time)	Measurement (Money)	Measurement (Length, Mass & Capacity)	Position & Direction	Properties of Shape	Fractions	Problem Solving & Reasoning
number	add	double	days of the week	coin	long	position	shape pattern	double	pattern
zero	more	halve	seasons	pound	longer	distance	repeating pattern	half	puzzle
1-20	make	share	day	pence	longest	after	2-D shapes	whole	describe
count on/back	total	group	week	cost	short	before	square		draw
lots	altogether		weekend	money	shorter	in on	circle		compare
more	take away		birthday	penny	shortest	inside	rectangle triangle		sort
few	number line		holiday	buy	heavy	under	3-D shapes cube		What could we try next?
fewer	one more		morning	sell	light	on top of	sphere		How did you work it out?
compare	one less		afternoon	pay	empty	behind	cone		
sort	equals		evening	price	full	next to	cylinder		
order	double		night	How many?	tall	above	face		
before	half		today	Spent	small	below	side		
after	How many altogether?		yesterday	1p	large	top	corner		
less	How many are left?		tomorrow	2p	thick	bottom	flat		
many			before	5p	thin	side	solid		
most			after	10p	deep	outside	curved		
the same as			next		ruler	around	straight		
ones			last		far	underneath	round		
pair			now		near	front			
			soon		hands	back			
			early		holds	before			
			late		container	middle			
			quick		weigh	up			
			slow		weight	down			
			old		balances	forwards			
			new			backwards			
			hour			across			
			o'clock			close			
			clock			far			
			watch						
			hands						

Key Stage One (Year 1 new vocabulary Year 2 new vocabulary)

Number & Place Value	Addition & Subtraction	Multiplication & Division	Measurement (Time)	Measurement (Money)	Measurement (Length, Mass & Capacity)	Statistics	Position & Direction	Properties of Shape	Fractions	Problem Solving & Reasoning
place value	sum	multiplication	months of the year	pounds	compare	count	edge centre	pentagon	fraction	problem solving
numeral	total	division	earlier	pence	estimate	tally	journey	hexagon	equal part	mental
digit	near double	multiply	later	change	roughly	sort	movement	octagon	equal groups	mentally
1-100	half	times lots	midnight	costs more/less	just over	vote graph	whole turn	cuboid	sharing	Show how you…
teen numbers	halve	of groups	date	cheaper	just under	block graph	half turn	edge	parts of a whole	Explain your
fives	How many	of sets of	How often?	total	length	pictogram	quarter turn	surface	half	answer
equal to	more…?	multiplied by	always	20p	centimetre	represents	three-quarter	hollow	quarter	How else…
the same as	Subtract	multiple	never	50p	metre	stands for	turn	symmetry	equivalent	Explain your
odd	How many	division	often	£1	cm	key	clockwise	symmetrical	fraction	method…
even	fewer?	dividing	sometimes	bought	m	group	anticlockwise	line of	mixed number	Describe the
multiple of	What is the	divided by	usually	sold	height	set list	three-quarter	symmetry	numerator	pattern…
ones	difference?	divided into	once	spent	width	table label title	turn	right-angled	denominator	Describe the
units	equal to	grouping	twice	£2	ruler	most popular	right angle	triangle	two halves	rule…
tens	the same as	sharing	half past	£5	metre stick	most common	straight line	prism	two quarters	investigate
greater than	number bonds	equal groups	quarter past	£10	weight	least popular		square-based	three quarters	mental
less than	missing number	doubling	quarter to	note	kilogram	least common		pyramid	one third	calculation
ordinal numbers	number facts	halving	hour hand	decimal point	half kilogram			triangular-based	two thirds	written
– twentieth	fact families	array	minute hand	zero as place	litre			pyramid		calculation
between	related facts	repeated	hours	holder	half litre			circular		trial and error
halfway	tens boundary	addition	minutes		more than			rectangular		
above	digit	left	seconds		less than			vertex		
below	mental method	leftover	fortnight		millimetre			vertices		
nearly	written method	remainder	How long will it		mm					
roughly	partition	row	take to…?		depth					
close to	hundreds	column	5 minutes		tape measure					
too many	tens	multiplication	past/to		capacity					
too few	method	tables	10 minutes		volume					
estimate	check	times tables	past/to etc		millilitre					
twenties	inverse	fact	digital		quarter full					
partition		division fact	analogue		contains					
thousand			timer		degree					
threes			second hand		centigrade					
fours										
thirties										
fourties										
equivalent										
tally										
sequence										
continue										
predict										
rule										

greater than >
less than<
equal to =
hundreds
two-digit
number
three-digit
number
place holder
place value
stands for
represents
exchange
exact
exactly

Lower Key Stage 2 (Year 3 new vocabulary Year 4 new vocabulary)

Number & Place Value	Addition & Subtraction	Multiplication & Division	Measurement (Time)	Measurement (Money)	Measurement (Length, Mass & Capacity)	Statistics	Position & Direction	Properties of Shape	Fractions	Problem Solving & Reasoning
numbers to 1000	hundreds boundary	factor	century	value	approximately	chart	compass point	perimeter	sixths	Correct this statement…
eights	column addition	product	calendar	smallest	millimetre	bar chart	north	hexagonal	seventh	True or False?
fifties	column	remainder	earliest	number of coins	kilometre	frequency table	south	octagonal	eighths	Estimate…
sixties	subtraction	scale up	latest	transaction	mile	Carroll diagram	east	pentagonal	tenths	Justify
seventies	formal method	divisible by	AM	convert	perimeter	Venn diagram	west	quadrilateral	compare and order	Make a statement…
eighties	exchange	exchange	PM		distance	axis	N S E W	right-angled	hundredths	
nineties		remainder	roman numerals		from…to	axes	horizontal	parallel	decimal	
factor of		inverse	12 hour clock		distance apart	diagram	vertical	perpendicular	decimal fraction	
relationship		square	24 hour clock		centigrade	scale	diagonal	hemisphere	decimal place	
roman numerals		squared	leap year		unit	label	angle	prism	decimal	
100 more		cubed	millennium		standard unit	survey	Angle greater than…	triangular prism	equivalent	
100 less		derive	noon		metric unit	questionnaire	Angle less than…	acute angle	proportion	
approximate			date of birth		mass	data	orientation	obtuse angle		
approximately			timetable		breadth	continuous data	north-east	line		
round up			arrive		area	line graph	north-west	construct		
round down			depart		covers		south-east	sketch		
nearest ten					cm²		south-west	centre		
nearest 100					measuring		NE NW SE SW	oblong		
greatest value					cylinder		translate	rectilinear		
least value							translation	equilateral		
sixes							rotate	triangle		
sevens								isosceles		
								scalene		

Number & Place Value							Position & Direction	Properties of Shape		
nines ten thousand 100 thousand million next consecutive integer positive negative above/below zero minus 1000 more 1000 less round to the nearest 1000							rotation degree reflection rotation set square quadrant co-ordinates	heptagon parallelogram trapezium rhombus polygon cylindrical tetrahedron polyhedron		

Upper Key Stage 2 (Year 5 new vocabulary Year 6 new vocabulary)

Number & Place Value	Addition & Subtraction	Multiplication & Division	Measurement (Time)	Measurement (Money)	Measurement (Length, Mass & Capacity)	Statistics	Position & Direction	Properties of Shape	Fractions	Problem Solving & Reasoning
factor pair ≥ greater than or equal to ≤ less than or equal to formula square number prime number ascending order descending order ten thousand factorise prime factor digit total formula equation unknown variable	ones boundary tenths boundary		Greenwich Mean Time British Summer Time Individual Date Line	discount currency profit loss	imperial unit square metre square millimetre m² mm² pint gallon yard foot feet inch inches circumference tonne pound ounce centilitre cubic metres cm³ mm³ m³ km³	database pie chart mean median range statistics distribution	coordinates protractor reflex angle	radius diameter congruent axis of symmetry reflective symmetry octahedron circumference concentric arc net open closed intersecting intersection plane dodecahedron net open closed	proper fractions improper fractions equivalent reduced to cancel thousandths in every for every percentage per cent 100% ratio	