Maths Key Vocabulary

	Key Vocabulary				New Vocabulary
	Number and Place Value	**Calculations**	**Geometry and Statistics**	**Measurement and Fractions, Decimals and Percentages**	
Year 1	numbers 0–20 making 10 counting on from 10 digit ten frame in total count forwards count backwards counting on counting back more than less than fewer as many as equal to greater, greatest smaller, smallest less, less than 1 more 1 less number bond How many? break apart the same as part, part, whole	diagram part, part, whole number bond number sentence How many are left? crossing out addition and subtraction fact family number sentence take away taking away subtraction equation minus subtract count back, counting backwards subtraction subtraction fact number/subtraction story number/subtraction sentence addition story addition fact plus sign plus add	first/1st second/2nd third/3rd fourth/4th fifth/5th sixth/6th seventh/7th eighth/8th ninth/9th tenth/10th before after last between left right next to from 3D shape cube cuboid sphere pyramid solid object 2D shape circle	height length tall, taller, tallest short, shorter, shortest long, longer, longest measure, measuring width wide long tall width wide unit(s) centimetre(s)	even numbers odd numbers more, more than fewer, fewer than number bond plus add equals minus subtract corners sides tall, taller, tallest short, shorter, shortest long, longer, longes

	number story	addition equation addition fact altogether count on, counting on addition greater number equals equals sign in total altogether	square triangle rectangle corners sides pattern		
Year 2	numbers to 100 in numerals and in words counting forwards counting backwards counting in tens tens ones number bond, number bond diagram place-value chart number line greater, greatest smaller, smallest more than less than equal to approximate position tens ones place-value chart pairs 2 more 2 less 10 more 10 less counting on counting back	tens altogether ones tens ___ and ___ make ___. addition equation counting on (in ones) add add the ones add the tens plus equals number line number bond, number bond diagram breaking up/partitioning a number column, column method total renaming rename 10 ones as 1 ten column method counting back taking away subtract	picture graph pictogram most/least/as many as more than/fewer than tally chart greatest number smallest number more than/fewer than/as many as block diagram greatest smallest more less fewer more than less than fewer than more/less/as many as table more/most fewer/fewest	hotter/hottest colder/coldest more than/less than/equal to temperature degrees Celsius estimate kilogram/kg mass weight balance scales dial scales digital scales pointer about heavier lighter grams/g as heavy as heavier than lighter than compare weighs kilograms/kg heaviest lightest	metre less than more than greater than longest shortest estimate mass heavier lighter grams/g heaviest lightest degrees Celsius more fewer picture graph pictogram greatest number smallest number

increases, increasing decreases, decreasing number pattern, pattern 5 more 5 less 3 more 3 less 100-square	subtract the ones subtract the tens minus left equals number bond diagram breaking up/ partitioning a number making 10 double total equal groups groups of grouping times equals multiply multiplication sign altogether How many groups? How many in each group? counting in twos multiplication double counting in fives counting in tens equal to array divide equals sharing sharing equally How many in each group? groups of 2 2 equal groups multiply groups of 5		metre unit longer shorter centimetre longest shortest greater than estimate centimetres sum wide width long length metres	

		5 equal groups groups of 10 10 equal groups multiplication fact division fact multiplication and division fact family even number odd number			
Year 3	ones tens hundreds thousands equal to total number bond, number bond diagram part-whole diagram divided into equal parts 20s (twenties), 25s (twenty-fives) 50s (fifties) place value place-value chart place-value cards greater/more than smaller/less than smaller, smallest greater, greatest estimate multiple number pattern 1 more 1 less 10 more 10 less	sum addend subtrahend difference minuend count on 1 more hundreds tens ones 10 more 100 more ones column tens columns hundreds column column addition renaming making 10 number bonds in total making 100 estimate approximate approximation renaming 10 ones to 1 ten and ten 10s to 1 hundred	straight line point angle amount of turn sides turn acute angle right angle perpendicular parallel horizontal vertical quarter half clockwise anti-clockwise two-dimensional shape cm quadrilateral three dimensional prism edge end face vertices cube	length centimetres metres measure unit of measurement millimetres distance converting metres to centimetres converting centimetres to metres mass heavy/heavier/heaviest light/lighter/lightest scales weigh kilograms/kg grams/g 200-g mass estimate total mass volume millilitres/ml litres/l measure	millimetres scales volume capacity right angle acute angle obtuse angle

100 more 100 less fours eights 4 more 8 more	___ ones + ___ ones = ___ ones ___ tens + ___ tens = ___ tens ___ hundreds + ___ hundreds = ___ hundreds renaming 10 tens to 1 hundred renaming 10 ones to 1 ten count back in ones 1 less number bond count back in tens 10 less count back in hundreds 100 less subtract ones subtract tens Subtract hundreds rename place-value columns labels part-whole bar model equation counting in tens counting in twenties multiplying ones multiplying tens rename a 2-digit number as tens and ones number bonds product rename 10 ones as 1 ten 3 times 4 times 5 times units	cuboid 2D shape length total side cm perimeter square rectangle	liquid capacity container bar model less than more than (twice) as much as three times as much	

		long division			
		number bond			
		4 times as high			
		bar model			
		division			
		multiplication			
Year 4	numbers to 1000 in numerals and in words	place value	table	volume	12-hour clock
	tens	add	pictogram	mass	24-hour clock
	twenty-fives	addition	bar graph	distance	
	fifties	repeated addition	information	price	decimal point
	hundreds	find the difference	scale	time	
	thousands	subtract	x and y axes	a.m.	mixed number
	numbers to 10000 in	sum	greatest	p.m.	improper fraction
	numerals and in words	find the sum	more	midnight	
	ones	repeated subtraction	fewer, fewest	midday	equilateral
	digit	division	fewest	noon	triangle
	ones place	divide	highest	departure time	isosceles triangle
	tens place	multiple	lowest	arrival time	scalene triangle
	hundreds place	multiply	line graph	start time	kite
	thousands place	multiplication	predict	end time	
	place value	divide	increase	minutes/min	translation
	number bonds	division	decrease	hours/h	coordinates
	greater than	times table	least	seconds/s	
	more than	how much altogether?		duration	Roman numerals
	greatest	total	hundredths	estimate	numeral system
	smallest	how many are there	fraction	convert	
	smaller than	altogether?	part	seconds/sec	
	less than	place-value counters	whole	days	
	100/10/1 more/less	hundreds	number line	weeks	
	number pattern	thousands	count in hundredths	months	
	1000 more than	renaming/rename	count back	years	
	1000 less than	estimate	tenths		
	rounding	approximately	eighths		
	the nearest 1000	round to the nearest 100	mixed number		
	exactly half way	round to the nearest 1000	whole number		
	closer to	calculate	proper fraction		
		calculation	improper fraction		

round to the nearest 10, 100 or 1000 approximately equal to round to the nearest 10 estimate number line rounded to the nearest 10	round method difference altogether count on number pattern double commutativity half sharing grouping divided by equal groups inverse multiplication and division fact family remainder odd even combinations decrease quotient commutative commutativity method partition sharing grouping remainder word problem unit	count in eighths thirds quarters fifths count on numerator denominator equivalent compare simplify add sum >, <, = greater than less than equal to subtract count backwards divide		

Year 5				
place value	multiply	acute angle	mixed number	protractor
counting on	divide	right angle	whole number	degrees
approximate	understand the problem	obtuse angle	proper fraction	diagonal
rounding to the nearest 10 000	form a plan	reflex angle	improper fraction	regular polygon
	action a plan	protractor	numerator	irregular polygon
rename/renaming	check your answer	degrees	denominator	pentagon
approximate/approximately	_ times as much as	vertex	division	decagon
rounded to the nearest 1000	bar model	quadrilateral	equal pieces	
estimation/estimate	reasonable	rectangle	equally	yard
round to the nearest 10 000	ones	square	whole	ounce
count back	tens	parallel	quarters	pint
difference	hundreds	internal angle	fifths	gallon
altogether	thousands	external angle	equivalent	
total	ten thousands	diagonal	equal parts	mirror line
renameones	hundred thousands	polygon	equivalent fractions	
tens	place value	regular polygon	half	
hundreds	counting on	irregular polygon	quarter	
thousands	approximate	triangle	sixth	
ten thousands	rounding to the nearest 10 000	equilateral triangle	hundredth	
place value		pentagon	divide into	
hundred thousands	rename/renaming	decagon	common denominator	
greatest	approximate/approximately		compare	
smallest	rounded to the nearest 1000	x-axis	order	
greater, greatest	estimation/estimate	y-axis	greatest	
smaller, smallest	round to the nearest 10 000	coordinates	smallest	
greater than	count back	x-coordinate		
less than	difference	y-coordinate	percent	
greater/more than	altogether	translation/translate	percentage	
ascending	total	reflection/reflect	fraction	
descending	rename	mirror line	tenths	
ten	multiple	image	hundredths	
more/greater than	factor	horizontal	thousandths	
fewer	common factor	vertical	decimal	
approximately	prime number		decimal point	
number pattern	composite number	rectangle	hundredths thousandths	
increases	even number	square	greater than	
decreases	odd number	perimeter	smaller/less than	
		length	less than	

rounded to the nearest 10 000 approximate number approximately equal to rounded to the nearest 100 000 smallest/greatest possible number rounded to the nearest 100, 1000, 10 000 and 100 000 approximate	rectangular/square arrangements two squared (2^2) square number cube number squared ^{2} cubed ^{3} greater than product estimate double greatest product estimate/estimation grid/grid method halve approximately equal to greatest/smallest product left over/remainder partition remainder	breadth area square centimetre square metre right angle parallel perpendicular estimate square unit scale scale drawing volume cubic units cubic centimetre cubic metre cuboid length breadth height litre millilitre capacity	greatest smallest lightest longer/longest fraction numerator denominator equivalent value total difference ones column method decimal place perimeter estimate round/rounded/rounding centimetre millimetre metre kilometre mass gram kilogram volume litre millilitre inch foot/feet yard mile ounce pound pint gallon pounds day hour	

			minutes second temperature degrees Celsius thermometer duration hour minute a.m. p.m. 24-hour time start time end time midday line graph slope axis increased decreased horizontal axis/axes key table steepest line increase decrease trend volume millilitres mixed number whole number proper fraction improper fraction numerator denominator division	

				equal pieces	
				equally	
				whole	
				quarters	
				fifths	
				equivalent	
				equal parts	
				equivalent fractions	
				half	
				quarter	
				sixth	
				hundredth	
				divide into	
				common denominator	
				compare	
				order	
				greatest	
				smallest	
Year 6	ones	operation	simplified	add	repeated division
	tens	calculation	ratio	subtract	common multiple
	hundreds	add/addition	average	heavier/heaviest	
	thousands	subtract/subtraction	mean	lighter/lightest	average
	ten thousands	multiply/multiplication	mode	total mass	mean
	hundred thousands	divide/division	median	volume	mode
	millions	mixed operation	bar chart	mass	median
	place value	calculation bracket	equal parts	total	bar chart
	greatest	multiply	pie chart	multiply	pie chart
	smallest	product	segment	simplest form	segment
	greater than	partition	percentage	commutative	
	less than	estimate	vertically opposite angles	whole number	
	largest	ones	right angle	divide	
	greater, greatest	tens		quotient	
	smaller, smallest	hundreds thousands ten	to stand for	product	
	estimate	thousands	consecutive		
	rounded to the nearest	hundreds	algebraic expression	fractions	
	1000000	thousands	input number	numerator	
	approximate, approximately	digit	output number	denominator	
		multiple of 10	substitute	equal parts	

	rounded to the nearest 1000000, 100000, 10000, 1000 and 100	double half ten approximately equal to expression reasonable guess 4-digit number greatest possible product smallest possible product divide quotient bar mode divides equally groups of remainder repeated division method calculate division divided word problem understand the problem form a plan action a plan unit addition subtraction multiplication word problem check the answer left over multiple common multiple multiplication facts equal number	evaluate formula formulae stands for equation variable negative number the origin x-axis y-axis coordinates x-coordinate y-coordinate quadrilateral parallelogram trapezium rhombus kite isosceles triangle equilateral triangle translation reflection mirror line object image cube cuboid volume cubic centimetre length breadth height cubic metre cubic millimetre vertically opposite angles ratio	equivalent simplify common factor in its simplest form fraction proper fraction compare bar model order greatest smallest improper fraction lowest common multiple common denominator mixed number greater than negative number number line line graph average speed revenue mile kilometre round length breadth perimeter area perpendicular base height formula parallel parallelogram percentage	

		lowest common multiple factor common factor greatest common factor array even numbers whole numbers prime numbers composite number odd even	equilateral triangle isosceles triangle quadrilateral pentagon hexagon polygon regular polygon radius diameter circumference parallel parallelogram rhombus trapezium scale similar triangle cuboid prism triangular prism net face triangle-based pyramid square-based pyramid cone	percentage change round greater than less than	