

Progression of Knowledge, Skills and Vocabulary									
Year 1									
	Number	Addition and	Multiplication	Fractions	Measurement	Geometry:	Geometry: Shape		
		subtraction	and Division			Position and			
I know	numbers to 100 numbers can be written in numerals and words and how to read them. that we can count in different ways in equal sequences. 1, 2, 5 and 10. that a number line can be used to count on or backwards.	Addition and subtraction that symbols represent mathematical commands add (+), subtract (-) and equals (=) signs concrete objects and pictorial representations can help solve problems. how to mentally add and subtract numbers up to 20.	concrete objects, pictorial representations and arrays can be shared and grouped into equal groups.	objects can be shared into two equal groups and this is ½. objects can be shared into four equal groups and this is 1/4.	length and height are measured the same way and what objects would be measured this way. mass is weight and the equipment I would select to measure it. I know: the value of coins and notes there are seven days in a week, twelve months in a year and 24 hours in a day. time is measured	Geometry: Position and Direction direction means which way an object is moving. position is where an object is. we can use fractions to describe, turns and movement. I.e. half way, a quarter turn.	each 2d shape has a set of features which define it. the difference between squares, rectangles, circles and triangles are 2D shapes. each 3d shape has a set of features which define it. Including the number of sides and corners and faces.		
					in hours and minutes. that there are 60 minutes in an hour and half an hour is 30 minutes.		the difference between cubes, cuboids, spheres (3D Shapes)		

Count to and across 100, forwards	Read, write and	Solve one-step	Recognise,	Compare, describe and	Describe	Recognise and
and backwards, beginning with 0	interpret	problems involving	find and	solve practical problems	position,	name common
or 1, or from any given number	mathematical	multiplication and	name a half	for: lengths and heights,	direction and	2-D and 3-D
and backwards, beginning with 0 or 1, or from any given number Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens identify one more and one less Identify and represent numbers using objects and pictures including the number line, and use the language of: equal to, more than, less than (fewer), most, least Read and write numbers from 1 to 20 in numerals and words.	interpret mathematical statements Represent and use number bonds and related subtraction facts within 20 Add and subtract one-digit and two- digit numbers to 20, including zero Solve one-step problems that involve addition and subtraction	problems involving multiplication and division.	find and name a half as one of two equal parts of an object, shape or quantity Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity	solve practical problems for: lengths and heights, mass/weight, capacity and volume, time Measure and begin to record the following: lengths and heights, mass/weight, capacity and volume, time Recognise and know the value of different denominations of coins and notes Sequence events in chronological order using language Recognise and use language relating to dates, including days of the week, weeks, months and years Tell the time to the hour and half past the hour and draw the hands on a	position, direction and movement, including whole, half, quarter and three-quarter turns.	name common 2-D and 3-D shapes
	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens identify one more and one less Identify and represent numbers using objects and pictures including the number line, and use the language of: equal to, more than, less than (fewer), most, least Read and write numbers from 1 to 20 in numerals and words.	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens identify one more and one less Identify and represent numbers using objects and pictures including the number line, and use the language of: equal to, more than, less than (fewer), most, least Read and write numbers from 1 to 20 in numerals and words. 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Read and write numbers do an object, shape or quantity Read and write numbers from 1 to 20 in numerals and words. Read and write numbers from 1 to 20 in numerals and words.	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given numberRead, write and interpretSolve one-step problems involving multiplication and division.Recognise, find and as one of two equal parts of an object, shape or quantityCompare, describe and solve practical problems onestign, capacity and volume, time an object, shape or quantityRecognise, ind and as one of two equal parts of an object, shape or quantityCompare, describe and solve practical problems onestign, capacity and volume, time an object, and volume, time an object, and volume, time an object, and volume, time and ovolume, time and volume, time and ovolume, time and ovolume, time and object, shape or quantityRecognise, an object, an object, shape or quantityRecognise and know the value of different denominations of coins and notesRead and write numbers from 1 to 20 in numerals and words.Solve one-step problems that involve addition and subtractionSolve one-step problems that involve addition and subtractionRecognise and use language relating to dates, including days of the week, weeks, months and yearsRead and write numbers from 1 to 20 in numerals and words.Solve one-step problems that involve addition and subtractionSolve one-step problems that i	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given numberRead, write and including zeroSolve one-step problems involving find and division.Compare, describe and solve practical problems position, for: lengths and heights, direction and mass/weight, capacity and volume, timeDescribe solve position, more, data or solve practical problems an object, shape or quantityCompare, describe and solve practical problems position, drietetion and mass/weight, capacity and volume, timeDescribe solve practical problems position, more, dist and heights, direction and division.Describe solve practical problems position, and wolume, timeIdentify and represent numbers using objects and pictures including the number line, and use the language of: equal to, more than, less than (fewer), most, least Read and write numbers from 1 to 20 in numerals and words.Add and subtract noneetig than, less than (fewer), most, least involve addition and subtractionRecognise, name a quarter as one of four equal parts of an object, shape or quantityRecognise, mass/weight, capacity and volume, timeRecognise, mass/weight, capacity and volume, timeRead and write numbers from 1 to 20 in numerals and words.Solve one-step problems that involve addition and subtractionRecognise, noticulal gene and subtractionRecognise, and object, shape or quantityRecognise and use languageRead and write numbers from 1 to 20 in numerals and words.Solve one-step problems that involve addition and subtractionSolve one-step noticulal gene and subtr

Vocabulary	numbers to 100 and beyond units,	add plus total	equal to multiple	whole, equal	names of coins roughly	underneath	Point, pointed
I will use	ones, tens	take away subtract minus difference between How much less is? equal to sign, operation	share, sharing group grouping array	parts, four equal parts, one half, two halves, a quarter, two quarters	length, width, heightcer turmass/weight (used interchangeably)wh hal qua interchangeably) linecapacity/volume (used interchangeably) linethr tur	centre journey	cuboid, cylinder
	digit					turn	sort
	'teens' number exchange fewer		,			whole turn half-turn	set
	most least					quarter-turn, three-quarter	
	firstsecondeleventhtwentieth half-way between					turn	
	count on in twos fives tons	together			ruler, metre stick	clockwise,anti-	
	count on in twosivestens	together			weighing scale,	clockwise	
	odd, even	more than/ less			container	position	
	forwards backwards repeating	than number			spring, summer,		
	pattern number line	sentence			autumn, winter month,		
					year, weekend, midnight		
	number square number track				fast, faster, fastest		
					half past		
					How long ago?		
					How long will it be to?		
					How long will it take		
					to? How often?		
					always, never,		
					sometimes, usually		
					once, twice		
					Days of the week		